

| SMTWTFS | SMTW

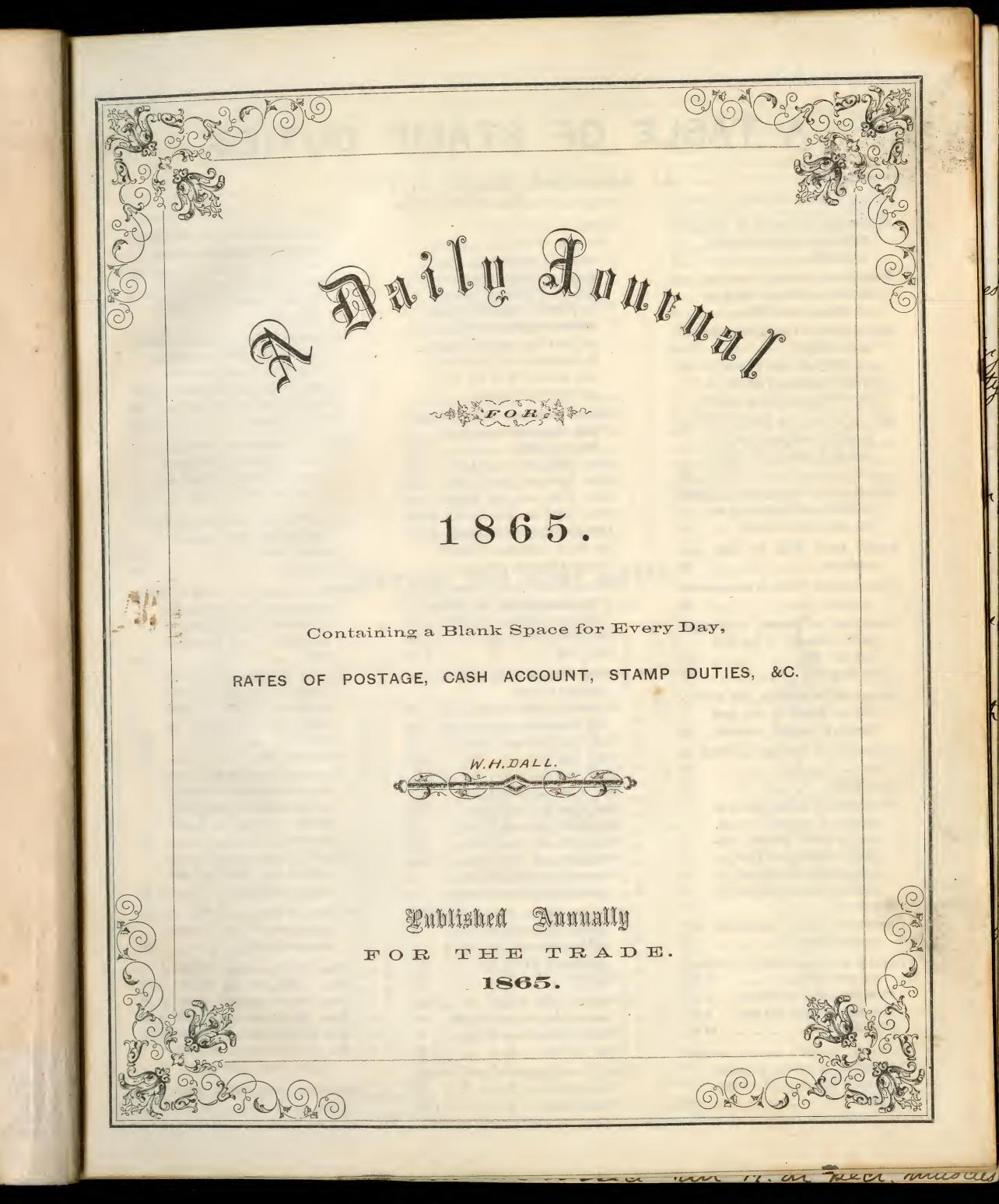
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ACT AND DESIGNATION OF THE PROPERTY OF THE PRO

M. H. Dall, 88, Dearborn St-Chicago

Caré S.S. Freeley.
70 Warren avenue Boston Care Brf. S. F. Bairo. mass\_ Smithsonian Institution

Hashington. Samil Hubbard Esqueises eala. D.C.



# A TABLE OF STAMP DUTIES,

As Amended March 3, 1863

25

1 00

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Over 3 years..... 1 00

AS	By W.H.DALL.
AGREEMENT, CONTRACT, OF APPRAISE-	Contract, (continued.)
MENT, not otherwise specified,	For sale of Coin or loan on
each sheet 5	same, (of over 3 days, or re-
BANK CHECK, DRAFT, OF ORDER FOR	newal of shorter loan,) or of
Money, payable at sight or	money or currency secured
on demand, over \$20 2	by pledge or deposit of gold
BILL OF SALE OF VESSEL, consideration	or silver coin, shall be in writ-
not over \$500	ing, and have stamps equal
Πουσγοι φοσσιτιτιτ	in amount to 1-2 per cent.,
Over \$500, not over \$1,000 50 For every additional \$1,000, or	and interest at 6 per cent. on amount so loaned.
part thereof, 50 cents more.	
	DEED, Or CONVEYANCE OF REAL ESTATE.
BILL OF LADING, or Receipt for any	Where the value is over \$100, not over \$500 50
goods for foreign export, (ex-	2200 0101 400000000000000000000000000000
cept to British North Amer-	Over \$500, not over \$1,000 1 00 Over 1,000, not over 2,500 2 00
100,)	Over 2,500, not over 5,000 5 00
BOND for the performance of the duties	Over 5,000, not over 10,00010 00
of office, or of indemnity for	Over 10,000, not over 20,00020 00
one payment of many	For every additional \$10,000,
Bonds, other than in legal pro-	or part thereof, \$20 more.
ceedings $\dots 25$	
CERTIFICATE OF STOCK, in incorporated	Entry of Goods, at any custom house,
company 25	for consumption or ware- housing, value not over \$100, 25
CERTIFICATE OF PROFITS, in incorpo-	housing, value not over \$100, 25 Over \$100, not over \$500 50
rated company, if for \$10,	Over 500 1 00
not over \$50 10	
Exceeding \$50	FOREIGN BILL OF EXCHANGE, OF LET- TERS OF CREDIT.
CERTIFICATE OF DAMAGE, and all Cer-	
tificates issued by any port	If in sets of three or more, each bill of each set, not over \$150
warden or marine surveyor 25	Over \$150, not over \$250 5
CERTIFICATE OF DEPOSIT, for \$100 or	Over 250, not over 500 10
less 2	Over 500, not over 1,000 15
Over \$100 5	Over 1,000, not over 1,500 20
Ο γοι φ100	Over 1,500, not over 2,250 30
(Certificate of measurement or weight of animals, wood,	Over 2,250, not over 3,500 50
coal, or other articles, Cer-	Over 3,500, not over 5,000 70
tificate of Record of Deed, or	Over 5,000, not over 7,500 1 00
acknowledgment thereof, by	For every additional \$2,500, or
attesting witness, require no	part thereof, 30 cents more.
stamp.)	Insurance, (Marine, Inland, and Fire).
CERTIFICATE, of any description not	Each policy or renewal, (or as-
specified above 5	signment of same,) on which
CHARTER PARTY, of vessel or steamer	premium is \$10 or less 10
not over 150 tons 1 00	Over \$10
Over 150, not over 300 tons 3 00	Insurance (Life) Policy, (or assign-
Over 300, not over 600 tons 5 00	ment of do.) not over \$1,000, 25
Over 600 tons	Over \$1,000, not over \$5,000 50
	Over 5,000 1 00
CONTRACT, Broker's note, or memorandum of sale of property,	Lease, (or assignment of same,) of real
(except coin,) issued by Bro-	estate, not over 3 years 50
(except com,) issued by Dio	Over 3 years 1 00

kers..... 10

LOTTERY TICKETS.—Each ticket, (whole
or fractional,) retail price of
which is \$1 or less 50
Exceeding \$1, for every dollar
or part thereof, 50 cents
more.
Manifest, of vessel's cargo for foreign
port, (except to British North
America,) if registered ton-
nage is not over 300 tons 1 00
Over 300, not over 600 tons 3 00 Over 600 tons 5 00
Over 600 tons 5 00
Mortgage, or Personal Bond for pay-
ment of any definite sum of
money, upon every \$200, or
fractional part thereof 10
PASSAGE TICKET, to foreign port, (ex-
cept British North America,)
costing \$30 or less 50
Over \$30 1 00
Power of Attorney, to sell or transfer any scrip, or certificate of
profits of any corporation or
association, not exceeding
\$50 10
To sell or transfer any stock,
bond, or scrip, or for the col-
lection of interest or divi-
dends thereon, (except as
above,) 25
To collect rents 25
To vote by proxy for officers of
any corporation or society,
(except religious, charitable,
literary societies, or public
cemeteries,)
To sell or rent real estate, or to
perform any other act not
herein mentioned 1 00
PROBATE OF WILL, or Letters of Ad-
ministration, value of estate
not over \$2,500 50
Over \$2,500, not over \$5,000 1 00
Over 5,000, not over 20,000 2 00
Over 20,000, not over 50,000 5 00
Over 50,000, not over 100,000 10 00.
Over 100,000, not over 150,000 20 00
For every additional \$50,000,
or part thereof, \$10 more.
PROTEST, of note, check, draft,
&c

#### TABLE OF STAMP DUTIES, Continued.

TELEGRAPHIC DISPATCH, when charge	<del>,</del>	
for first ten words is 20 cents		
or less	L	
When over 20 cents	3	
WAREHOUSE RECEIPT, for property	r	
stored		
WITHDRAWAL from bonded ware-		
house 50		
WRITS, or other original process, for		
beginning suits, (except be-		
fore a Justice of the Peace,		
or commenced by the United		
States or any State,) 50	)	

PROPRIETARY, Medicines, Perfumery, &c., each package retailed at not over 25 cents, 1 cent; over 25 and not over 50 cents, 2 cents; over 50 and not over 75 cents, 3 cents; over 75 cents and not over \$1.00, 4 cents. Every additional 50 cents, or part thereof, 2 cents

PLAYING CARDS, price not over 18 cents each pack, 1 cent; over 18 and not over 25 cents, 2 cents; over 25 and not over 30 cents, 3 cents; over 30 and not over 36 cents, 4 cents; over 36 cents, 5 cents.

The indiscriminate use of all kinds of stamps (except postage or proprietary) is permitted, care being taken to affix a stamp or stamps of the proper amount.

Documents made in any forcign country, to be used in the United States, shall pay the same duty as when made here. The party to whom the same is issued, or by whom it is used, shall affix thereon the proper stamp, before using.

No deed, or mortgage of real estate, shall be required to pay a stamp duty of over \$1,000 in any event.

Powers of Attorney, or other papers relating to applications for bounties, arrearages of pay, or pensions, require no stamp; neither do warrants of attorney accompanying a bond or note when such bond or note shall be stamped; and whenever any bond or note shall be secured by mortgage, but one stamp duty is required, provided the stamp duty placed thereon is the highest rate required for said instrument, or either of them.

No document signed or issued prior to June 1st, 1863, without being stamped, shall be invalid for that reason; but it shall not be admitted or used in any court until it shall have been stamped, and the initials of the person using, and the date when it is used, placed thereon.

A TABLE OF STAMP DUTIES

## Demand and Time Notes, INLAND BILLS OF EXCHANGE, ETC.



AMOUNT.	DEMAND, or 30 DAYS.	60 DAYS.	90 DAYS.	4 Months.	6 Months.	OVER 6 MONTHS.
\$20 to \$200	\$0 01	\$0 02	\$0 03	\$0 04	\$0 06	\$0 10
200 to 400	0 02	0 04	0 06	0 08	0 12	0 20
400 to 600	0 03	0 06	0 09	0 12	0 18	0 30
600 to 800	0 04	0 08	0 12	0 16	0 24	0 40
800 to 1,000	0 05	0 10	0 15	0 20	0 30	0 50
1,000 to 1,200	0 06	0 12	0 18	0 24	0 36	0 60
1,200 to 1,400	0 07	0 14	0 21	0 28	0 42	0.70
1,400 to 1,600	0 08	0 16	0 24	0 32	0 48	0 80
1,600 to 1,800	0 09	0 18	0 27	0 36	0 54	0 90
1,800 to 2,000	0 10	0 20	0 30	0 40	0 60	1 00
2,000 to 2,200	0 11	0 22	0 33	0 44	0 66	1 10
2,200 to 2,400	0 12	0 24	0 36	0 48	0 72	1 20
2,400 to 2,600	0 13	0 26	0 39	0 52	0 78	1 30
2,600 to 2,800	0 14	0 28	0 42	0 56	0 84	1 40
2,800 to 3,000	0 15	0 30	0 45	0 60	0 90	1 50
3,000 to 3,200	0 16	0 32	0 48	0 64	0 96	1 60
3,200 to 3,400	0 17	0 34	0 51	0 68	1 02	1 70
3,400 to 3,600	0 18	0 36	0 54	0 72	1 08	1 80
3,600 to 3,800	0 19	0 38	0 57	0 76	1 14	1 90
3,800 to 4,000	0 20	0 40	0 60	0 80	1 20	2 00
4,000 to 4,200	0 21	0 42	0 63	0 84	1 26	2 10
4,200 to 4,400	0 22	0 44	0 66	0 88	1 32	2 20
4,400 to 4,600	0 23	0 46	0 69	0 92	1 38	2 30
4,600 to 4,800	0 24	0 48	0 72	0 96	1 44	2 40
4,800 to 5,000	0 25	0 50	0 75	1 00	1 50	2 50
Over \$5,000, \	0 01	0 02	0 03	0 04	0 06	0 10
for each 200 \( \)	0 01	0 04	0 00	0 04	0 00	0 10



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COUNTING-HOUSE ALMANAC FOR 1865.					
Satur.  Prid.  Phurs.  Wedn.  Mond.  Sund.	Satur.  Frid.  Thurs.  Wedn.  Wedn.  Sund.				
JANUARY 1 2 3 4 5 6 7	JULY 1				
8 9 10 11 12 13 14	2 3 4 5 6 7 8				
15 16 17 18 19 20 21	$\begin{array}{cccccccccccccccccccccccccccccccccccc$				
22 23 24 25 26 27 28					
29 30 31	20 21 20 100 110				
FEBRUARY 1 2 3 4	AUGUST1 2 3 4 5				
5 6 7 8 9 10 11	6 7 8 9 10 11 12				
12 13, 14 15 16 17 18 19 20 21 22 23 24 25	13 14 15 16 17 18 19				
10 /60	20 21 22 23 24 25 26				
	27 28 29 30 31				
MARCH	SEPTEMBER				
12 13 14 15 16 17 18	0 1				
19 20 21 22 23 24 25	10 11 12 13 14 15 16 17 18 19 20 21 22 23				
26 27 28 29 30 31	24 25 26 27 28 29 30				
APRIL 1	OCTOBER 1 2 3 4 5 6 7				
2 3 4 5 6 7 8	8 9 10 11 12 13 14				
9 10 11 12 13 14 15	15 16 17 18 19 20 21				
16 17 18 19 20 21 22	22 23 24 25 26 27 28				
23 24 25 26 27 28 29	29 30 31				
30	NOVEMBER 1 2 3 4				
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5 6 7 8 9 10 11				
7 8 9 10 11 12 13 14 15 16 17 18 19 20	12 13 14 15 16 17 18				
	19 20 21 22 23 24 25				
21 22 23 24 25 26 27 28 29 30 31	DECEMBER				
JUNE 1 2 3	3 4 5 6 7 8 9				
4 5 6 7 8 9 10	10 11 12 13 14 15 16				
11 12 13 14 15 16 17	17 18 19 20 21 22 23				
18 19 20 21 22 23 24	24 25 26 27 28 29 30				
25 26 27 28 29 30	31				

#### RATES OF POSTAGE.

LETTERS TO ANY PART OF THE UNITED STATES, Three cents for each 1-2 ounce or part thereof.

ADVERTISED LETTERS, One cent, in addition to the regular rates.

VALUABLE LETTERS may be registered on application at the office of mailing, and the payment of a registration fee not exceeding TRANSIENT NEWSPAPERS, Periodicals, Pamphlets, Blanks, Proof Sheets, Book Manuscripts, and all mailable printed matter, (except Twenty cents.

circulars and books,) Two cents for each and every 4 ounces. Double these rates are charged for Books.

Unsealed Circulars, (to one address,) not exceeding 3 in number, Two cents, and in the same proportion for a greater number.

SEEDS, CUTTINGS, ROOTS, &c., Two cents for each 4 ounces or less quantity. ALL PACKAGES of Mail Matter not charged with letter postage must be so arranged that the same can be conveniently examined by

Postmasters; if not, letter postage will be charged.

No Package will be forwarded by mail which weighs over 4 pounds.

ALL POSTAGE MATTER, for delivery within the United States, must be PREPAID by stamps (except duly certified letters of soldiers and sailors); otherwise, double the above rates will be charged on delivery.

Weekly Newspapers, (one copy only,) sent to actual Subscribers within the County where printed and published, Free.

Letters to Canada and other British North American Provinces, when not over 3,000 miles, Ten cents for each 1-2 ounce. When

over 3,000 miles, Fifteen cents. Prepayment optional. LETTERS TO GREAT BRITAIN OR IRELAND, Twenty-Four cents. Prepayment optional.

LETTERS TO FRANCE, Fifteen cents for each 1-4 ounce. Prepayment optional. LETTERS TO OTHER FOREIGN COUNTRIES vary in rate according to the route by which they are sent, and the proper information can be

obtained of any Postmaster in the United States.

To Port av Prince letters are and papers te. Diary of W. N. Dall, Mem. Boston Soc. of M. History.
SUNDAY, JANUARY 1, 1865.

arrived yesterday in town from home. left how wells safe at dyracuse. Pretty well tired, and just skipped the passport hisiness.

MONDAY 2

made no ealls, as led, Lwished me to unite on his report.

TUESDAY 3

Writing all day.

## WEDNESDAY, JANUARY 4, 1865.

Find that Col. I. and the From Cliffs are not entirely harmonious. write but dont and, to mother and await developements.

THURSDAY 5

Evening. Halk over the beliffs business with Ed. J!
That miserly filden has been trying to swindle
him of his just dues. He has been shamefully
treated, and send lettel to mother.

## FRIDAY 6

Ou Kennicott, and talk over the in he is and ions to have me go. Bannister and Ellin ail probably go.

SATURDAY, JANUARY 7, 1865.

White all day, Col, & troubled with the

Mr. leollyer and the belaskes.

MONDAY 9

Winte all day.

M. Hvall

Col. I down in the southern part of the state explaining a coal nime. Work at the academy in the evening,

WEDNESDAY 11

Respect look. It. make out Scammon's Rep. on the Austin eval mine; two miles south of Sparland Station, Beaureau Valley R.R. and near, the Ills. River. Saw I in afternoon also W.R. Anthur. J.R. Walers, Ve. Saw Kennicott in the afternoon and spent wening at the Academy with Malon; calaloguing my mixed eollection. N. earne in about 11.30. from the opera, Discuss the Straits Ex. which seems somewhat in definite in plan. No liters from home, eart understand it. Got boots rep. Daw Mariner, and les.

## THURSDAY 12

Seel miserably. Look after coal for Col. It, and also after time tables & Canal Report for Scammon. Mest a lettle while at the academy, go home lay down and stay down for the rest of the day and night. A very dis agreeable and painful cold, almost pleurisy.

## FRIDAY, JANUARY 13, 1865.

Morning felt better. Made a chiff to arrange the loose accounts of the Iron beliffs, led. I rather irritable on the subject, or myself I really don't know which, but nothing said or done to hist any body. after moon go up town and find two letters, and a telegraph waiting for me all amounting to nothing, and costing me \$2,20 to remedy footishness. What a pity women are so worthless, some of them at least. Wrote a sharp letter home which I hope will bring out some common sense. Vorote to Curtiss, and on report in evening.

SATURDAY 14

wrote to Anthony, Hyatt, and mother. Evening go up to the Academy and accomplish little. Nason didn't bring any whisky as he promised. D'Aligny called in after noon and promised to come up in the even's but didn't. He is a type of the French I think; a powerful mind, a great worker, a coarse body, but reasonably gentlementy. He is a good chur ist, and mineralogist, and has a very pleasant man ner though not the old Mounch ideal of potiteness.

## SUNDAY 15

Morning go up to the academy to do some work and get something done before thingson comes this is the first senday I have been withulf absent from churchin some six months. The troubles of the northwestern are on the increase. Systematic bribery don't pay in my estimation. Edw. Everett dead, full of years and honors. The shoul goes up amidst the heavenly host; "admitation a conqueror here"! He is with peace and peace with him. Evening academy again, and got the cuprocas done up at last. That's some thing any way

Morning. write on Report. and Brothertons notes. Afternoon, go down town after a plasterer. I wrop in on the academy, and get all the shells except Unio, into the oases, so that no darned son of mortality, shall get them filled up with something else, Evening, go to nasons to Tea. Pass a very pleasant evening. A little snow in afternoon made slippery walks.

## TUESDAY 17

morning, unite, and assist mm. Foster, go after plasterer and repair bedstead, After noon go up to the sherman House with letters for D'aligny. Who wishes me god speed on my expedition Evening at the academy, Pool, Lewell, back Frost, Mason, Kennicott and miself, five steady workers, there this evening. I get my loose ends packed a little. No letters. Bomnister writes that he is gad I am going north so he will be in good company!

## . WEDNESDAY 18

Morning, write and help Mrs Forter about some domestic arrangements. Afternoon, Go to binder and get broke. Also to Academy for a few minutes. Itempson expected to might.

Note to Kennicott from Put. about spamphleto, Evening. Go up to the Academy and work on leatologue till 12.

Limpson not arrived then, Got considerable done one or two more nights with finish it. Letter from mother after her usual style, flippoint and superficial no satisfaction in it. Answer it, and wait to Batinese and Harmis 2. Fort Fisher is ours! Hic jacet Butter, Porter redivirus. Cum organo whisque?

## THURSDAY, JANUARY 19, 1865.

lelock mending and writing in the new ing. I suring cold day look Foster improving write steadily all day. hereing hele work at head Prof. Sewel Frod. It hold, Ir Hold, Ir Stebbins, David Mrs n and myself beside K. Mason ties on 20 label!! I should not wonder if he would to work did some thing, and lost. What through considerates were a pleasant evening. K. had an attack of the west igo, and as the Pt Ft. W. train has run off the track, I don't believe Stimpson will be there tonight.

FRIDAY 20

the Pherman House meet K. & Stringson. While like blages all the afternoon and in the evening go up to acad. No one there till 8. when Nason drops in and finally K. & S. We have a Jolly evening, and unspack Styms box of sundries, mostly Mya, mercenaria, and mactra. Some near shells from the Canany Islands. Finish my eatalogue and find I have about 1400 sp. Letter from Sadie. Fannie L. has gone to Port Royal to teach with Miss Bothum I am sory: but she may have a pleasant time, after all.

## SATURDAY 21

Morning, write. Ed. F. comes down. Finish up, the first part of the Report. about half past one hurry off to meet K. 45. I have note for a pass. but the man who attends to passes, is gone to dinner. Leave the academy, at 2.40 & Stimpson has a bad Nouch of orheumatism. Weather changes from pleasant & warm, to chilly, meet alice Rully at the depot. Flint & Bruno don't come out. Rave to wait after arriving at bes Plaines a half hour for a tardy little Dutchman with the team. arrive at last and find a warm well-come. Meet Mary & Lillie Kennicott and Amasa twike.

Morning discuss developement theory with Stimpson who is a Darwinian. After dinner vide in sleigh to Mrs Caroline K's and meet Misses Fannie, trace and Rose, and also Frank, Gus, and Mark, Kennicott. In two sleighs we then vide five or six miles to Mr. Hiram Kennicotts, Miss Mary being under my special charge We have an adventure with some tipsy butchmen. take supper at Hirams, after supper singing and veturn with Many, Trace, and others. Even assist many with her composition on "Ark." and praty tired, to bed.

## MONDAY 23

Start after break fast for the depot, with alice, Mary, Stim, + Bob, and find it extremely eold. Drop. M. at the school-house where the friend of Nap. III. and the hero of Magenta, teaches for \$35.00 a month. Arrive in Town and go to the academy where I delight stim, with the sight of Stenothyra & Cremmobales, two genera which he had never seen and which he wanted very much. To home and write. In the evening go over on the north lide and eall on Mrs. Clarke and Mrs meetey, who promises me letter to San Francisco. No letters from home. Field meeting tomorrow night at the acad.

## TUESDAY 24

Morning write &e. To up with mss. for filden, letters & boxes in the afternoon. To into Academy and show letter just recid to him. The whole plan of the Expedition is so wrapped in mystery that I shall not regard it, until I can find out the particulars. In the evening I go up to the Academy, a bitter cold night. I am mel- with the news that the Smith somian is in flames. Incat ! Heavens! if this be true and the library, and the collections are destroyed the loss is irreparable. My own little troubles sink into insignificance before those of Etimpson who has lost the later of fifteen years; and of all maturalists of the world.

## WEDNESDAY, JANUARY 25, 1865.

By the paper I learn that the lass of the S. I. is not so great as I feared, but the particulars I must learn from S.F.K. To up with note about coal to Athur, Jon't seekin but Hewitt who behaves in a rather unnecessary manner to speak mildly. Itimp, leaves at 5.30 for Wash, in better spirits. I have down to Col. Is and off to More, Hathaways to tea. Toing up like a fool, I get my right ear prost-bitten and don't discover it till in the warm partor. Nove some fine singing from miss whiting and off to lead. Find good news from S.I. damage less than expected, manuscripts safe, I spend the might at the academy with K. Label birds te. No. letters from the East THURSDAY 26

Breakfasted with Bob, at his boarding house, and go down to the house at 8.40. Write away on Report and get 140 pps done. Very cold. My ear gets on better than 9 expected, though swotlen and painful. W. Kirkland comes to see Col. F. and states that sewitt made an incorrect assertion about the coal. In the evening, I start, well wropped up from the wind, in searf and showl, and reach lead, without damage. K. not there, but Jack Froat & Davis on reptiles & shulls, to label a number of voxes and progress reasonably well. Het home and task with Col. att Baird & to bed.

## FRIDAY 27

Write away, and finish up the Report: Healtelujah! In the afternoon go up town and Express it to New York. Get drawing pen, and tobacco. Slep in to the acad. find all busy except Nason, why work he take hold and hup. If I only had his chances I would be something, or sometody! Evering yo up to the acad and work on bird labels & mammals, till 12 yclock. Get together mammals to send to Putnam Yerrill, agassis, Phil. acad. Se. N. wants me to spend Gaturday there and help him. I think it taking up the birds while he is away, and looking after them.

Morning, start off with bed. Fispermission for the dedy, Vine and sup with Kennicott and work at cheeking off The exchange list, till 12 at night.

#### SUNDAY 29

Up the first in the house, and after breakfast read and go up to the Academy where I work on as yesterday at the exchange list which we finally finished, some 200 species of birds and some 600 specimens. to agassiz, essex Institute, & Yale bolleges museums. Dro, Blaney & Rock come in; Rock knows Bulkley and sends his regards to him. Weather more moderate. Home at 10.15

## MONDAY 30

Morning the plasterer kicks up a muss, so we have to lie around idle for the whole morning. After moon go to the bank the Evening. Gol. I. objects to my being out after 12 at night. which I have done but once which is perfectly reasonable. While to lutnam, Richie Chace and Wesson but don't send the last. To up to the academy and work on the eggs and thank Neaven, got them done at last. Dro, Noy, were in of Racine, Wis. and Ir. invited me to visit him if I were go that way. Noy Sr. is one of the earliest of the western maturalists. Eggs are

## TUESDAY, JANUARY 31, 1865.

Morning write personally. Col. I makes out his state ment of services done for a corporation without a soul " and sopy all day on it. Evening take the Randolph It card to Lincoln It, and go two streets south and two doors east, to Mr. Red fields in West Washington St. where Bob is and pass a very pleasant evening. I where Bob is and pass a very pleasant evening. I see some beautiful cone frames made by Emma Kennicott and some pritty rustic ornaments, have a small glass of tip top punch and return with Bob to who leaves for New York wa believe hand tom orrow night?

## WEDNESDAY, FEBRUARY 1

Sull maggy weather, bod. I not sowell. Wrote to Mr. of order and grand father Healey and enclose a copy of my or letter to mother with a note. Col I writes to S. for me. also. Afternoon work on map. and go to P.O. no letters. A. Agassig to st John in Nown, say they will be up Nonight. Evening go up, and follow the fire bells to State II. Bridge V see the borning of whiskey & tobacco by the hogshead on S. Water. St. The most magnificent of pyrotechnics, I were witnessed. With with Book and get the egg lists made out. Nason works! writing the local ities. Bob don't get off, tonight. Agassig YSI. John, bon't come up, for which I am rather sorry.

Morning work on map and letters, Write to I. G. Anthony finish map, and go to the office for letters; more there, Why world they write, I think it is eruel, eight or nine days since I wrote last. Evening go who to the academy and commence packing up the shells for Theobald. Nason comes in for a short time, a rainy disagreeable day.

#3.00 and which I had hoped to keep two years at least; into the fire through sheer carelessness. Go to look after coal.

Afternoon go up town and go into the acad. Help K. with the birds for an hour. No letters from home,

Evening. Check off mounted birds, and mountable skins. Bob, packs up, and I go down with him to the Michigan Southern depot, where he leaves at 9.30 for Clive-

land. He will telegraph me from New York the particulars.

of the expedition be. I hope to hear from Ogden soon. Naw Emerson in the morning and showed up the Museum, SATURDAY 4

Morning dull and wet. Draw on map &c. Afternoon go up for letters, one from home at last, confesoing mability to advise me. If this had only been said at first; what a deal of pain it would have saved me. Letter from, father, kind and pleasant, blesshim; at Madras. To up 10 the acad in the Evening & arrange shells, ofter painting letters for the children. for Muchildren.

Oh, if I had riches! but as I have not; -I will not be waiting my fortimeless lot, But go on my way, with the little I have, and carry muy burdens, with faith, to the grave,

Morning, Mr. Collyer on the laborers in the ornegard o payment of a penny to all. He argued their we should all succeed and receive our neward even if we labored but one hour. I always thought that this parable the words of Christ- to the Samaritan woman who would be healed, and the text; to him that hath shall be given 40" were unehnistian and unjust in spiril- & letter. Dined at the Collyers. Home, write to mother, and go who to the academy in the evening. Box up a lot of thells. Must Call on the Healeys tomorrows.

Morning copy on A. Memorial to the directors of the I.C. yo up town and pay gas-bill callat bank, leave express packages. Buy a pair of cloth gloves. noletters, Afternoon correct Report te. Evening, go up to The Healips, and make a very pleasant call, play a game of chess with Miss Mary, who beats me, very well. The is a good player though a beginner. I wish I had time to practice this game, it sharpens ones wits, wonderful-Meather more mild, snowy a little cudders box of insecté arrived to day not in perfect condition. will raise thunder with Leo. Armstrong if he keeps opening my main TUESDAY 7

Dull & showy. Not much to do, Draw some what, in Carpen ter and write. Afternoon, to up town, and get letters from Pulnam and Ion Newell. Evening, To up to the academy get out list of big bird skins, and packup some more shells. Mason there with we but don't work. When Bob went away, he told me not to hesitate if the occasion required but to go up and use his room at the academy; and gave me a met name of a connection of his who keeps a cheap boarding house on State. Street- No. 90. Hwill be very convenient to be able to do it.

WEDNESDAY 8

morning, bed I. very irritable because I found some trouble in getting the fire to burn in his study, a thing which I do only to accommodate himbowhich he has no manner of right to require me to do. I shall leave him very ooon, but I hoped to wait without trouble, till a reply came from Mr. Ogden. I have made a settlement with the Co, of a reasonable charac Ter, 65.00 a month and 8.00 weekly for board deducted leaving me about \$1,20.00 in hand. Get a note to Mrs Mc Dougall from Mr. Redfield and get draft cashed at Thurgess. Evening, the acad Enry and shells with Kasen, who has a note from Stimpson that sorobables go up there to sleep & board at mro McDimones Morning go up town, see mrs. McDougal a motherly old Prish woman, and arrange to board there, afternoon, pack up, take my books to by bags full, and carry to the academy Mr. I treeley has got back but did not see mother. Ofter noon, work at the academy on brids. Evening the same after noon, an old gentle manmamed Dr. Kitto, of the army, came in, and made the library a donation of an old edition of the Encyclopedia Portlamica to a life of Kirby, in all 23 volumes. We also tornwised to send us fish and other things. He wants his boy to go Morth with Kennicote.

Letter from mother. I sadie Say adieu, to Col. F. I the family go up to the Academy and work, cleaning out the Noft, and Frank Wavis comes in and helps. To to beinner at Mrs. Mc Do, and come back find Mason here. Finish up the loft, and clean up and go up to Masons house to ten, have a pleasant time, go down to Mrs. Hathaways to make a "party cale" spend a pleasant hour there, then down to the Academy, work on the birds till one oclock, then to bed.

## SATURDAY 11

Work at the shells. afternoon, Hint, in some of his monkey shines smashes a pane in one of the bird cases. lucing, a terrible gust of wind turns over the sky light and breaks several pones. Move the eases and go to bed. Röchler doesn't come up. Though Mason comes and brings his can of fish.

## SUNDAY, FEBRUARY 12, 1865.

Morning, Mr. leollyer preaches to young men, on the importance of sticking to some one thing. Dine with Mr. Greeley. Afternoon Mason comes up to the rooms, and loafe a little while. I pack up some shells, Ic. Evening, tired, early to bed.

MONDAY 13

Morning after break fast bring up my trunk to from Colifes go for glasier, see Thompson, and go to find Baxter but cault. Let a dispatch from Kennicott to this effect. "We sail March 20th, cabin passage, time of service, one or two years. You better go." I write to Prof. Bannister, as I said; and with deliberate a little before replying. Afternoon on shells, Evening, go up to Mr. Collyer's but he is out then to Mr. Green, who advises me if I regard pecuniary advantages, not to go, I am perplexed. Letters from allie C. I Lissie Merriam, bright of pleasant.

Tele graphed Bob "lean you wait three days for my de cis wo? Have you mailed me particulars? How about going to washing- now or Salem? and the out fit?" Rochler comes in and goes to work on the library. So to see Real. Mas on about get ting some thing to do on the river business, he being ap point ted commissioner. Mothing at present to do. Afternoon, get room ready for meeting. So to see Mr. breeley, but he is out although he appointed to meet me, then to Mr. I've he is out although he appointed to meet me, then to Mr. I've he is out. see Mr. Fogg. Back to acad. Dr Andrews in talk about the arm they lones to Mork with Mason on asserticant land sheet simusals

Morning work on shells te. afternoon sleps into Mr. tree leeps who has seen and spoken to Mr. Hillon of the Council Niel lead people, and he goes with and introduces me to Mr. Hilton, The after of the matter is that the man in charge has too much to attend to, to do the work required systematically, although he is a practical miner. I named \$900. to 1000. as what I thought I could make muself worth, to the Company. Mr. H. said he would lay the matter before the Directors, and let me know in a week. On the morning I kedfield came in and talked over a plan for surveying some lands for oil, in S. Ills.

Jakk with Mr. Greeley about Bobo letter. I think I shall wait to have the lead matter settled before writing to K. I feel miserably worrying, so, over the confounded things, and a dis a greable cold in addition. How for folks have to scratch about in this world, just like here for a living. Afternoon finish up one case of birds, and rectify lots of Garris mistakes. Redfield & Loomis come in and talk over the "oil" scheme again. It is a crocky business and I don't want to smul my hands with it, un less they pay down and well. Nason on fish, and write to Bob as per mem. and worn out with worn and work to be.

SATURDAY, FEBRUARY 18, 1865.

Let up with a miserable headache. Foto work on the second case of virds, and finish up the remainder of the Helicidae, Nason comes in about 12 and works on his fish, enter the remainder; of which we have records. Afternoon, Baxter brings up two draw cases which we needed very much. Leo, Walker, c.a. comes in and perambulates. Also Thompson. Finish we case no, two, of birds, making about 2600, entered. Evening party where I meet misses, Hogg, Hedge, adams, He, play cards thave a good time though not dancing. Home at 12.

Went to me lediges, who gave us a good but old semon on "Hanily of vanities; all is vanity, I vexation of spirit." Dined at his mouse of talked over Jel. Ex. after dinner, went up to Mr. Treeleys to see Louis Wells, who goes home on account of her mothers pad misfortine which may be better than she anticipates. Dropped in to see this lelashe, who is un well, and see also mos Abr. Clarke from Milwaukie who came down with L.W. In the evening after tea go over to Mr. Redfields and spend and how or two. Talk over the Ex. Ye, Wrote to Sendays maney and asking adv.

Morning, get out the birdo in case no, three to enter. anks & penduins. Enter the last ducks. Morning yoes like a blue streak. After dinner find that Thompson has brought in a frine male lynx (Bo. rufus. Raf.) from Wisconsin. Old Bischoff goes to work to skin him. and with great tworks I manage to get him to take out the body with out much mangling, so as to dissect it. Frank Dairs & hason in, Frank calls and flewell to get him to come in and set us at work on the lynx. We intend to take notes and if we Make out anything per haps subtish. I comes up and we dissect till 11. an sect muscles

Finish all the birds and put a buggy one to bake.

Mas on somes in and loafs an hour or two. Let in one of
the new cases and put our loose writing materials to
the lobels into it. A short sad note from mother. After
moon work out the latissimus dorsi & trapegius mus
cles of the lyng, mas on does not come in. Evening read
up on anatomy in ways dessector. I wonder how
soon Strupson will be here. I wish he would
come, That work up that lyng myself, and not
wait much longer for H.M. whe A. Nason. Eses

#### WEDNESDAY 22

Washing ton was born on this day, and at home there we have been a celebration, but permisous Chicago hugo her green backs, and only titakles her moon beels, a little longer than usual Morning, Inter up the Land shells. Nason comes in a wellook on the lynx and prepare him for Dr. Jewels inspection. Afternoon work on shells; a wedding at Mrs. Macs. cake & wine as you please Ic. Heer baughter to aller, Morse, letter from Bot on minimportant matters. Evening finish the land shells and Jewell coming in make notes on the internal anatomy of the lynx.

## THURSDAY 23

Morning work on shells. Package from Wash ington for Porme! Afternoon disself on the light, intestines to Evening, pinish packing up my own collection of shells. Mason with me afternoon of evening. Rochler cornes in in the course of the day hime I heard from the lead mine folks if they are going to do any thing or not. I took news from the army, Therman is marching on, wharleston Javahnah and Mobile are almost in our hands and Milmingston must ball soon.

## FRIDAY, FEBRUARY 24, 1865.

Mack up exchanges for Pheobald write to him and mother Grank Davis on the birds, putting on the labels. Nason has not been in and Lynk rufus is beginning to stink. I must finish the dissection myself or lose the value of our notes already taken nothing from Hilton. Mine flues and I pear that plan will amount to nothing. Evening bring Lyons up and show him our museum, and write on catalogue for Anthony, titl eleven. Rain's hard. Wilming ton they say is ours.

#### SATURDAY 25

and go to work in earnest, clean and inflate his intestines, and take notes on various parts, par ticularly the corpus-spongeoum and glans, p, which are very remarkable, the former being forked and the latter furnished with recurved spines. See free-ly and ask him to see Willow and get some kind of an answer out of him. I fear that it will be all "smoke", Letter from Put; none from home. Full cursed blue, and have a screaming headache.

## SUNDAY 26

Still and rainy. Isning has set in, and in the cago that means much infathomable, and slop inconecivable, except to an inhabitant. Went to hear me bodyer on hist the blade, then the ear, the the full corn in the ear. The hymn, Watchman tell us of the night, what its signs of promise are! was most pinely rendered by the choir and gave me a great deal of pleasure, Wrote a line to mother and shall get some thing definite from Willow to morrow or shall telegraph kennicott that I will go

Mr. Greeley goes to see Hellon whom he finds very busy, and who pays that things look pavorable but Mr. Bødger has but just jot back and he has not had time to consult him. work on Lyng, and compose the following de. Legnt, Stinks.

Must-wart a little while longer I suppose. Even's go up and see Nason who is unlower with a cold. Home showing hard. Letters fran Sadie and Lygie Merriam. Mother sick

Work on shells some. Frank Davis in in the morning and putting on labels on brids. also Mason who smokes of reads a novel. Get the Lettonnas and Massa, enterco. No letters. Mrs Cushing is sick. afternoon have from a mem ber of the old deadenry, fresh proofs of the duplicities of Isaac A. Pool. Mr. Freely comes in and Ithou him our interesting Things and in the evening unte letters home and to Miss Mumain and Rutmam,

## WEDNESDAY, MARCH 1

Dull and rainy. Work on shells, Let Davis at the bird labels. Is. Boettner comes in with a fly from Kansas. N.B. He is an ass, but may be made useful. Let him at work on the Colorado miscella neous insects, pinning. Enter columbella Attaliotis. Pay I. washington five dollars. Willke Dalliba corres in and works in the afternoon. Evening Masn comes in and we talk over things in general. Witi. to Kennicott, about matters of the museum, and also to Les. C. Walker about museum matter Vial cohol, which we want, also locks on the cases.

THURSDAY, MARCH 2, 1865. Work on matters in general, and every thing in particular. See Greeley who advises waiting so as not to ruffle the furd) The lead men, Lee. C Walker comes in and talks about several things very pleasantly. Jays that Bot comes back to neverow. If he does and the place is open I shall of without doubt, afternoon get things straig for his coming. Letter from Scudder and mothers Tendder says go by all means. Mothers says her signipathras &c. Why didnit she say o a wiferol? Evering go up to Tes Halthaways and write notes in lyng Baxter here, to put on the locks at last, and finds it much more of a fob than he expected the lagy fellow. Move shells out of a number of cases for him to put them on. Frank Dairs and Flink- K, and Fired, Ituse in to see Bob who won't get here in my opinion before Sal', night, Evening, Tel- Mm Lyons and Mark Somebody to come over to the museum and we rush through the trod labels getting the items written on nearly three hundred, a pretty good evenings work, Dr. Andrews in in Struckstrying who speaks well of my notes on the Struckstrying who speaks well of the Lynx Morning, Bischoff off for a tramp. Baxter on the cases, Garry Landing and Fred H. in to help work againtoday. Have to take everything birdnests, eggs shells te out of the cases to have the tocks put in a terrible got. Wather in and I tell him the for about K. plainty, I think all will be well, I may have done W. injustice in thought, He is quite gentlemanly to me, huer, about his speaking to Hilton ? Z. go to Woods with Lyons who also comes in in off. Set the labels onto the birds as I sel out to but find some mistakes which must be rectified hereafter. Look about in the morning for flannels trunk be. Get three good shirts for 225 each very cheap I think; have to give "14.00 for a stout trunk of small size. Get a note from allie leleve land and answer it. Write also to Sam belaske poor man who has broken his leg near the head of the humerus. Fired Huse, Lansing Davis, Mason, Blatchford, Walker and andrews in during the day, Sup. at - Mr. Collyers who gives me letters and Enoch. Irden. Call at Mrs. Custings Mrs. Healeys, Mr. Scammons. Col. Foster, and mrs. Libbs'. Ed. gone to Wis Both terribly busy all day.

Fred Huse spent the night with me Morning, take him over to Mrs Mac's to breakfast Davis Dalliba, Bruno, Flint, Armstrong, Brittner, Baptir Marcy, Dr. Bannister, Charley Kennicott, Walker, Thompson, and others, in, during the morning Mr. Colleger in anomakes me a present of Senusson's poems in blue and gold. Take a cup of coffee at Jacksons with K. Bros. and see Charley over to the Ill. Cent. Depot. Bob and frost in the evening and figure for F. for librarian.

WEDNESDAY, MARCH 8, 1865.

For up things generally for leaving, morning, with withen corned in, go to see. C. Walkers with him and find K. there. Old Meek will possibly come to Chicago, to superintend worthers plates, in the Ills. Report. about noon Stym comes from washington, go by with him to a restaurant to get him some dinner. Pack up and send off trunk checked for Paltimore. Evening, grand powow at see. C's, in Serrace Block, off at 6 in the morning, grand you by e Chicago.

THURSDAY 9

West ward the course of Empire takes its way,"
And Science follows with her starlit-train,
Stern Mistress, well beloved whose generous hand,
Deals treasures, richer than of mint-or mine,
Forth to her votaries. Such treasures vast
I may not idly refuse to grasp!

All day on the ears between behice go I Pette burgh. Take sleep, eng ear and pass the latter place in the night.

FRIDAY 10

Morning, ditto to Phenrsday. Afternoon, arrive at Harksburgh. To to the United States Hotel opposite the Depot. Itrot about the town, which is pretty and resembles Philadelphia in general style went up on the capitol a beautiful view; the city lies in a kind of basin, around a central hill on which the State House is situated. Two fine bridges over the blue Lusquehanna. Meet, Plange coincidence; in the cupola, a man. come to entist, who knows and comes from the rame place as, I.S. Rothrock the botanist, who goes with us. Back to Hotel and write in evening, Othal- 2.3640.

arrive in Battimore about 9.30, fake break-fast at Remerto Hotel cor Liberty Street: Jake the Washington cars at 8.40 stand up most of the way. Let to washing ton about 10 oclock and go to Ulkes Tohrus any photo taken, then over to the Smith sonian where I meet Bof. Baird, I. J. Rothrock, Henry Ellist and Bannister. Work on birds Heggs. Afternoon talk with sill, and go over to Bof. Bairds. Evening talk with Mr. Meek and Rof. Will, and write home and to Uncle Austin, and tired and worned to bed.

N.B. Jalk with Pof. Gell titl 12. He is extremely longheaded.

Morning, go over with the boys to Mr. Zumis to break fast, about 10,40° go over to Dr Chammings where I hear a fine sermon, poorly delivered, on the Convention for a Broad Church, in Mew Jork. In consideration of matters + Things, and of their porety give five dollars. Revhaps this was obtentations? but its the last time I shall have the chance for two years, afternoon rec'd a kind letter from Unche win incl. \$50.00 shall try to go to Baltimore tomor row night. Write read and talk in the after norm and call on Brof. Henry, who looks hale & pleas mt.

Morning work on birds eggs of R. M. Farlances collecting at fort anderson H. B. J. Umpacked over 800 lggs of Lagopus albus!! Yalk with Dr. Brewer and May navd pitches in and helps. Write for Kennicott te. afternoon, Mry to get the 4.30 train for Baltimore but being detained to write for Mr. K. miss it. Come back & get dinner, and go to Post office and Prof Bairds thouse where I see the plaintings for Dr Brewers plates. K. If for New York. Kenny Elliott hears from Hathe way and some trouble between them and K.

Morning work on birds, eggs, and shells, unpacking also correct register of gulls, and ducks. Start at 4.30 for Baltimore. and arrive at 6.35, Go to ye Cathe drai Street where Uncle Austin used to live, but find him gone into the country, Take the Pennsylvania avenue cars for Spring vale. Assive at about 7.10 meet m. At kinson, sunt Louise and the children after tea go over to Mr. Whilridges, Grand ma Haunt Hinrietta are there, and Uncle You comes in about 10.30. Yack with him till 12, and eleep there.

WEDNESDAY 15

Met Washington after breakfast. Ride to Depot with Mr. Atkinson. Start at 8.30 40 to Ulkes, but photos, not yet bone. over to the S. 9, 4et off the alcohol, cans. and make arrangements weth Solomon for a set of the P.R.R., Reps except Vol. 1. Mexican Boundary, and I ves Colorado. 29.50 Storage number 1921. Kin from M.Y. at noon. Start for Baltimore at 430. Find all the family at aunt Henriettas when we take tea. Uncle for gives me letters to San Francisco marrie ball has grown and improved wonterfully. 40 over to Springvale to sleep. Willard L. Felt is 19 maiden Lane, N. Y. Shall probably be off to M.Y. tomorrow THURSDAY 16

Ride down to the train, with Mr. Atkinson, and leave at 8.30 for Washington. Toodbye Baltimore Now for a two years fight! Arrive at Smn, copy plans for It, and make ready to leave for New York by the 7.30 train. Write & talk. Leave for new York at 2.30, buy on the way down a copy of the T.S. Astronomical by to South America, for 5.00. The Baltimore and this Road is the most unaccommodating line I know of providing no seats in the depot for gentlemen and not allowing them in the ladies room Had to stand a half hom waiting for the train off at last.

arrived in New York about half past seven. Meet May nard in the ferryboat. To to the Howard House to breakfast, where the wild Indians from Colorado are. Queerset. a regular field day for work yo to the Sel. office, meet Rothrock, qo about and price things with him go to W. I. Felts and find lots of letters. Busy most of our stationery there. about three qo to St nicholas and get room 375. To about town on errands. To into Inbune office. Must Mr. Gay, get stockings + \$10.00. Mr. Gay proposes to me to write letters to the Tribune for publication. I will lry and see what I will do in that line. Evening write and make up accounts. Kermicott here tomorrow.

Down to the Gelegraphie office where I find Mr. Kennicott & the boys, Just from Washington. Each takes up his work and we rush through a good deal of work. To round and with Mr. Blatchford buy an Enfield blockade runner carbine for \$6.00. on opec, to sell on the west coast. Blatchford treats to oysters for dinner. Spend most of the day running about doing errands & Evening make up accounts & In afternoon, K. secures us second cabin berths and passage on the Yolden Rule for San Juan del Norte, and over the Nicaragua Route.

Morning. Write talk and work in our room. Maynard. Rothrock. Bannister. Elliot, and Pease in about
1 oclock. Stort on horsecard for Willard Helts where I dine
See Mrs Helt and her two children. After Junner 90 up to
the Central Park with Mr. Felt and little Lulu. Come back
about half past six and take tea there and 90 down to
the St. Nic. where I find Rollwock and Prof. Thurber
thucle behas N. Foster is there, a pleasant, oldish, man
though rather deaf. He invites me up to his house,
to dinner and speaks kindly of all at home.

Monday morning. about town on errands, Very busy and hurried. News that the Golden Rule Ithrough the non-arrival of trains on account of the great flood in Pennsylvania) with not sail tell tomarrow noon, See Col. Foolir who gives me some valuable hints as to fact to be noted. Uspecially about the glacial formation of the fjords and the position of and zeolilic formations in any g daloidal trap. Yet a letter from 'Allie, 102 Green St' asking me to call on her "in the evening" This is the way that green young men from the country are taken in and done for, in New York.

Morning Start from the St. Nicholas and watk down Broadway loing sundry errands on my way. 40 in and call on Willard Felt. (Called on Charly Carrét yes terday afternoon, and gave him a photo graph to send home) bown to the Steamer at leven. Mr. Blatch ford kindly accompanying us and leaving us at last with the kindest wishes. Off on "man "war" time at 12. Howe a fine view of the harbor forts and narrows roodbye New York. Through a little Indecious wire pulling Mr. K. succeeds ingetting us all good state rooms, in stead of the Standing berths we were to have occupied,

Fine day but a heavy swell on. Feel quite were but perhaps a little dissy. Poor Bannister gets up and says to Elliott, I'll bet I feel better than you to the immediately there after gets mis erably sick and remiders up his accounts with Jonah to the last item. Keep myself on hard tack and ham and little else which is an anti-Jonah siet. Large numbers of beautiful white gulls bollow in our wake (Larus argentatus) feeding on the banana fish (Coprolites rectum), Very few passingers on deck or at the table where I don't linger any too long myself. Vessel rolls awfully.

a continuation of previous heavy weather. They tell me that this is the heaviest weather they have had since the vessel was on the route. Pals large numbers of strings and bunches of Fucus natans or Julfwerd. Try to fish some of it up but don't succeed. Read the paper or Geology by Dr. Winslow which Uncle William sent me. Dr. W. simply asserts as his betief certain theories as of as the hills and long ago exploded. He does this with an amount of bombost and conceil varily equalled; and carefully avoids any bringing of facts to bear on his opinion

## FRIDAY 24

Itell heavy rolling sea. Nessel pitches and rolls tremen dously. However her machinery works very well and she does not seem to strain, notwithstanding she is almost onher beamends sometimes. At noon to day off Charleston the accurred. I hear we are to go around the easlern end of luba. That we shall have the choice of riding on horse back or in a stage or of going over on foot on the transit over the mountains. Mr. Prime wished me to look out particular by for the Cycladidae on crossing the Islamus as the animal has never been examined and be trinks it a new germs.

## SATURDAY 25

Fine morning. Lea a little caliner. Bannister better than he has been. The water we use to drink, is condensed by the stramer and to use Its words, "looks just like anyone elses." from the iron of the condenser I think. Lone body said at dinner table "Tomorrow will be Sunday" "Yes, "says a pig who I have named Swillpail, and who sits opposite me at table; "Yes, tomorrow we will have turkey for dinner." After this effort, he seizes the pie plate and appropriates four out of the dix segments of a circle which it contains. Spell pail is a philosopher, and only wants a lub to be a Diogenes.

a beautiful morning. Lea calm and quiet, but the old steamer rolls like a tub. Charley Peace asked of the waiter at dinner, "Wasn't this vessel in the dry dock last trip?" Tes", "Did she roll much?" This brought down the house. Sawa number of flying frish in the morning. They were very small and of a dark color; looked a good deal like bats. They seemed to fly in schools. and skip from wave to wave, often turning in a broad curve. They don't seem to move this pectoral fins except while touching the water. Evening, we have some nuisic. The ladies promined the deck, and all enjoy the pleasant softness of the tropical evening air -

another beautiful day. During the night the course was reverted and we ran north to avoid running the windward passage in the night without an observation. About 8 oclock in the morning see land on larboard quarter. I dand of maraquiana. See a granspus about 15 peet long and very adive afternoon a school of porpoises came about. The wessel some ten or fifteen of them swimming side by side and shooting six or eight feet out of the water. They are the sharpnosed species (Delphinus) and are less purely white on the belly and have narrower tails than those of Chesapeak Buy

## TUESDAY 28

off St. Domingo. High volcanic mountains to be seen but indistunctly on account of the mist. Deer Island and nevalsa on our Starboard quarter. Mumbers of birds flying about. Passio the quanpisland of nevalsa which belongs to an american Company. Rounding the point there came into view the trim form of a black quarboat, prierced for 6 gams. Lying in wait for us. Some of the passengers were badly scared, as the shew and oah, rebel pirate is cruising about, and they knew that this was the place. where the ariel was captured last fall It turned out however to be the US, quabout Neveus wanting parent of a mail, which are burnished to her.

Sea very high again. Vessel at her old tricks rolling badly. Wrote letters home to be sent back by the purser. We conclude to wear our hunting shirts across the Isthmus. Weather very damp and warm, Tomorrow we can get at our trunks before they are weighed. They weigh the steerage passengers baggage to day in spite of the rolling We expect to reach Gray in spite of the rolling We expect to reach Gray town in Vicaragua on Friday We have had a rather long though pleasant passage. Charley Pease devotes all day looking at I saae & Rebekah across the cabin, Henry Elliott exerts himself in eari caturing.

Excessively sultry and damps. I pend most of the morning in the hold attending to baggage, which is finally weighed and disposed of by Mr. I ladding the through baggage, master. I aw a large school of sharks. Afternoon, run within half a mile of the breakers on Sand Cay, very unexpectedly to all on board. In the night; serious consequences might have followed Pass the Island of It andrews on our starboard side and head straight for I reg town, which we expect to reach about tento night.

## FRIDAY 31

Early in the morning the blue misty look of the horison before us, shows the vicinity of land. about nine the tops of the mimosas and umbrilla trees could be distinctly seen. At eleven we were rocking in the outer boy. The harbor has been closed in the bast pew months by a sand bar recently formed, which has entirely closed it up except a narrow passage where the water is 18 inches only, deep. The land mark is an old umbrella bree just above the palms The town appears small air insignificant not a solitary banana boat out. a company's boat with a million and a walf in specie comes aboord, land bout today.

It is most awfully provoking to sit here with the green shore in plain sight and not a thousand yards off, and not heath to go on shore; and more over to have the pres pect of being here for a week and not going ashore. Dives position was nothing to it. We are going to hire a man to do the swearing; the entire party easil do the subject fustice. Boys catching catfish see mems, and Barracooter, take skin and drawings of both. Barracooter is a very beautiful bish. Lun very hot, "Iwo boats with bananas & cocoanuts at new YM prices, come out to us.

Rained hard in the night. Day very hot & sultry. Write up in Journal and notes. Itrain things to get on shore and get a chance with two minutes notice, to go go with K. & the Captain, and Squigles. N. B. Squiggles is a e.a. Find the beach high and shelving and have to fump through sand and water to get ashore let promise from Pierson of a floor to sleep on and start down the beach with K who wants to get the rest adhore. East board the Yolden Rule and taking a chary dip in the surf, with sharks in plain, sight, go up to town and get a supper at Coffe and Ginge bier "salom MONDAY 3"

Konnicott starts off for the boys at six or seven, I go up town and buy 100 Bananas for 100 silver let break past at this Motel so called, for 75 ots sid. Start off collecting and though amonged by musquitoes and hornets, manage to make a good mornings work. Beetles and ligards very time. No land shells except the remains of a broken thelix onaine winknown, two specimens of beh. octora and one small glandina. All dead, Boys on shore about non and all luggage also, Elliott unwell. Heep on How in engineer office. Musquitoes quite troublesome.

Climate begins to tell on our little party. Kennicott has a vad diarhoea, Peace in same fix Elliott not much better OldBischoff a little soonsh but Rothrock & myself all right. Offin the morning collecting and get some good things. There is a little enclosure out in the woods which the U.S. Frigate Jabine in 1857 exected and which answers to an american bury ing place. also one with some fine cocoa palms for the British. South, our gambler came near getting six months for cheating somebody out of a goldwatch make the acquaintance of a German doc 40 up river in doctors cande EDNESDAY 5 with 2 moians in afternoon Out in The ewamps with Nothrock and Elliott bolanizing. Musquitoes thornets drive us almost frantic Tet some good plants: but at last make a despirate strike to get out. after following a patte (? made by peccaries) for some time, find myself separated, from The rest and in a perfect canebrake. after half an hour of great fatique, take my compass and make a bustine for the coast, coming out just below the Lown a narrow shave , he the afternoon cross the har bor with canoe and sail and get some good things and a bath in the europenot with standing the sharks.

morning out shooting and get some fine birds
Breakfast at mns Buitragos. Probably leave this afternoon. Spend a good part of the hom in packing up
our collections to go aboard the lolden Rule. Consid
deving we had but three days here we have made
extremely good collections although the shells are small
born to the steamer at four take our place in
Barga no 3. See the Golden Rule depart and about
six oclock leave our selves graytown farewell I hope
at some future day to come and collect here again
bleach a land bay about a at night when we sleep till I hom.

Itarted from beach about 3 AM. Was waked from may slumbers by a hard shower, which drenched us all as we lay in the sand. about ten meet a boat with runks of sall pork and bread which are distributed after that in Yout in water up to the bifurcation having the boat over the bars, one consolation after one is wel through they can't get any wetter. Index pair of last get an ludian cance and wach stiamer about 3.PM. Jul on the bank and cot leet some fine beetles and a scarlet tree broa. Turn in with consciousness of having earned a good night rest; SATURDAY'S

Started early from landing in the river and pass the best part of the day steaming by the most beautiful vegetation and scenery. The steamer City of Rivas is a very comportable sort of river boat. arrive at machines rapids where we collect some very good things The boat arrived (ate so we kept our berths for the night, In the evening talked over Mr & Mrs Rockway viz Isaac & Rebekak with Mrs. Ritter. To up an see Smith play fare & three card monte, Hancher wins \$250,00 in specie.

## SUNDAY 9

Chend most of the day collecting; walk over the por tage view the rapids. Kind the most curious forms of Bugs and beetles I ome are like a stick of wood in minica lure. I me are like leaves on atree and others more normal but curiously formed Evening hire a cause and K. Rethrock Make the barge I ohn the woodsman & myself slant to paddle to Castillo after several failures we run up the large raped which the Indians declared in passible. About 12 at night we arrived off Castillo and made fast to a sunten cleaner which layin the river and sasts a pew hours in cleep on the humicane deck

Left the City of Grenada larly, and got a good breakfast opposite to her; and after breakfast go on a collecting low. Up on the highest of the three hills and eaten beetleste. Look at the old fort built in the time of the Spaniards. Make the acquaintance of Dr. Downing of Grenada who dines with us. In the afternoon The tiger life comes up and after ineffectually running up three times at last lands them. We all take tea at Mr Bermuda's, and see the pretty Tenonita Dolores and after looking round some what at the fare to go on board the Leon and sleep on the hurricane deck.

Hart about 3 oclock A.M. on board City of Leon, Capt Hooker from Castillo. Arrived below the rapids about eight oclock and walking a mile and a half through a cane braker finally arrived at the steamer "Virgin" which is to take us up to Virgin Bay. "Virgine strikes a rock makes a hole in her bottom, and being iron sinks in the short time it takes to beach her. Get ashore, fish to brild a palm leaf shanty, and are taken off about 230 by the City of Leon which runs the rapids. Heam rapid by up to the Lake where we meet the San Juan and get some grub. Sleep on Jeck The lake though small was trough

larly morning arrive at Virgin Bay where there are neither wirgins nor a bay. Get break fast and we the passage in a muleback; quite amusing. R. B.P. + myself take passage in a mule eart and arrive at San Juan del Eur, where our darkey driver becomes obstropolous and is finally cooled down by a patrior the the breech of my carbine, and Rothrock mounting box drove in triumph down to the landing. I set to work and collect a lot of shells on the rocks and spinally go my board steamer. American Capt. Merry, for Jan 4 ranceises, but have to put up with very poor accommodations a stifling state room to so I sleep on deck.

Jair calm day and very smooth water. Out of sight of land. Mr. Smith greatly to my delight has taken himself off as he don't like Capt. Merry who is a disciplinarian. All the subordinates on board this hip are very anxious to be bribed from the Purser down. In the afternoon bells sound, and the men rush to the hose, and all is confusion, brit keeping cool of soor discovers that it is only the biweekly fore drill. In the Evening take a glass of wine with socion Mason, who relates his experience with beratrum wirids. Pleep on deck which is alto gether the most comportable way.

FRIDAY 14

Day very hot. 97 in the shade. I find that much more difference is made between first and second class passingers than on the atlantic side, and they are much less obtiques and gentle manly. We shall probably not reach Land francisco before the twenty fifth instead Write up memoranda, whiting and foggy in the afternoon but no storm. Off the coast of quaternala and little houses are distinctly seen, dotting the reast which is well furnished with trees, fleep on deck very comfort ably, his state room is No. 2.

SATURDAY 15

Hotter if possible than Jesterday. Rothrock gets out Nookers distribution of arctic plants and we book it over the cuts out a "chiqa" from Fanchero second toe. It had been in about five days, and had found a sac in which were about fifty oblong eggs, plain by visible to the naked eye; and which in a pear day more would have spread in to the surrounding tissues and probably have list him the toe if not the whole foot. Evening a little cooler.

## SUNDAY, APRIL 16, 1865.

Pass some high Mountains on the Mexican coach which if it were not so misty would be very fine the Pass at school of porposises (Delphinus) of more than two hundred, leaping and playing. The largest school I ever saw. Pass several high volcanie mountains which seem to be still active. At night pass several, which show activity by the flames issuing from their summits. Might hot and sultry. Sheep on deck and pass ac apulco, in the might. It is said to be now block aded by the thrench fleet tarny.

Passing by a mountainous coast. In mense flocks of Shallassidroma following the vissel. Some sharks & whales also seen Day hasy, and sultry. Talk over plans of operations for the future. Have a disagreeable head ache. Write up notes for Blatchford. See numbers of fish purping at night. also see numbers of fish purping at night. also see some flying fish, and what is called a whale but is only a black mystery, a good way off under water showing nothing definite.

## TUESDAY 18

Day cleaner & cooler. Fell a little minell.
Rothrock is also in the same bix. Probably the
result of over exertion on the transit. Take a
big dose of quinine and lay quiel all day
feel better in the evening. Finish writing tup
notes for Blatchford, and commence a letter to
mother & Sadie. about five oclock strike offagains
the wind across the Gulf of California. We shall
not see land for several days, s. may mee the
moses Tay for and send back a mail by her.

Weather cooler. We are evidently reaching a more Memperate elimate & Wrote to Most Kennicott Ken Feel better but av little so-so ish still. about foclock, send up a rocket and burn a blue light, as a light is seen mour portquarter But no vessel answers, Rumor Days that the light seen was the Taylor and that her captain put out his lights in order to avoid the bother of speak ing the America. To our letters will not be sent till me reach San Francisco. Elleott Skins a bird that me of the steerage passingers caught with a line Fine clear and cool. Light Cape It Queas early and pass it about ten; a bare desert like rocky coast. Tome fine rocks starting up from the sea a high arch wave-worn in one of them, Bannis ter says the rocks care Treassic. Some look like state to me. Red Keblue much wave worn and precipitons. Long stretches of sand beach between the rocks. a fine place to collect shells having sorts of collecting ground. Xantus did no dred gung here but collected only beach specimens.

## FRIDAY 21

Open sea again. Heel premontions of illness, headache to. Rothrock also quite unwell. a mild sort of intermittent fever, but accompanies with a fearfur head ache. Doctor Mineer gives him regrains of calomet the of jalaps which works strongly loward evening. In anticipation of some thing of the same kind my self, I take about 2 grains of blue mass to stave it off if possible. It is undoubtably owing to over exertion in the train sit. However that can't be helped now at might take four cathartic pills without effect.

Printe sick Doctor duplicates Rothrocks dose for one which operates late in the afternoon. Pass It maria Island, and are followed by numbers of the beautiful Lams argentatus! and other gulls, remarkably tame. Hyingdow to ones head almost in reach. Pass between the mainland and a large island with steep and furrowed sides. It was called St. Margarita Island. There did not seem to be any grass or vegetation on the sides of it.

Teel a little better. Day clear and cold, No land in sight. See numbers of porpoises and other marine animals, also numbers of gulls, butthe afternoon at seven, speak the John H. Stephens a lower coast steamer and receive the terrible news of Lincolns assassination and the attempt the Levetary Leward, although the news of the breaking up of the rebellion shows a brighter lining to the lowering cloud. Theman has slopped over " as I always mistrusted he would. He is a copper hear tacked onto a fighting body.

Another suck day Rothrock very careful to kind. Land in sight ocean anally Lying all day in Bobs brunk on brek. It ind by the paper that the Shubrick arrived in San Francisco the twelfth inst with lot. Bulkley, Take considerable quinine and a lille morphine sam looks after me very well but I can't eat, if I was to get its weight in gold. Panama fever is the very devil to take a fellow down Lost 27 the salready.

Tell quite well but a little weak. We shall make the Tate tonight unless come thing happens to this old tub to make her go factor. Arrived about nine o'clock and after being half asleep and in bed was routed out to go to the Hotel. The Am. Exchange, Rothrock and I room about a little to get some thing to eat but I feel too weak totodol minches and go back to bed while he keeps on. Lleep somadly and well the result of wandwing about till tired

The Hotel seems a very fain one much better than the What Cheer House, which it was proposed to go to. The faire is clean and good, but I can't muster up an appetite to save me. Old Bischoff early be found. The last that was seen of him, he was going off with another butchman and he has probably gone to some batch boarding house. San Francisco is a poor city; the buildings are especially mean. I have not come across a fine one except it be a hotel, in all my wanderings.

Roam about a little land find Capt W. N. Noyes but find old Mr hoyes who invites me to dine with him tomorrow at his house in Yay place. leading out of first street near Holorn. Yo up and go over the Washington Market, so celebrated. I never in my life saw any market surpassing it. The vegetables and the fish were especially remarkable. The lobitors so called, are spiny & covered with hair & have no large claws. They eat black musics and a species of Tapes. The form bero are striped red black & white our the fine, and the saturane very to

Buy the cloth and everabout having 12 of fish bags made. Their will cost about two cents aprices. Dine of leapt Moyes. A very pleasant house and to cation. Meet Mrs. Noyes, two gentlemen the spis of the Captain and miss liggie Moyes a very pleasant girl. I pend the after moon of evening there of have a pleasant time. Make appointment to be go to br. Slebbins Church with them on funday and also to dine there. They asked me to bring my things up from the Hotel of stay with them but that would be impossible I am so busy.

Skend most of my time going about and pricing articles on my list of scientific out fit. Meet lapt Scammon of the Shubrick at the Cosmopolitan where K, stays. I like him very much Rothrek also meets him and discusses the Kurile islands with him. Black whom Kennicott has detached to help me, although not regularly engaged. I do not like He is not reliable, and given to whiskey, and I have generally objections to him.

SUNDAY 30

Morning go to Starrkings church and go into Capt. Noyes pew Miss noyes of the old gentleman were there during service and introduced me to Mr. Stebbins after church. The church is a smoot beautiful one and to the right is seen an exquisite font, a gift from the second Congregational church in new York. In the afternoon took distrer of tea with the noyes's and went to evening service with the old gentleman Starr kings tout is just to the right of the church in a with a garden

Worked over the scientific outfit list with Black of Danison as my aids. Very busy all day, In the wening of o down to 622 Clay St- up stairs when the California Academy of Sciences neets. They adjoun previous to an informal talk with the neurobers among whom are Col. Ramson Prest. Mesers Royal Fish R.E. C. Iteams, Eurotor of Conchology Dr. Ayres with whom I had a long talk, Prof. Bolander, Theo. Bloom er, and others. The ac. is about semi-fossil and will assured by continue so unlessly alvanized are well assured by continue so unlessly alvanized are

morning with Black and finish up list of scientific outfit. I pend considerable time at the Cosmo politar Take everything out of the alcohol chests except strictly scientific outfit. Get them down to the new office Cor. Ballery of Pine Streets where Rothrock has been engaging men. a whole engine company came in a body and offered them selves but were not accepted. Evening Meet Mr. Pierce at the Cosmopolitan and talk with him about Chicago. Mr. Stebbins leaves a card inviting me to tedewith him tomorrow evening at six velock up in Clay St.

Slept late. 40t Rothrocks things into Elliotts room & gotour washing from the laundry. Wenison reports & 3 set
win to making out blanks. So over papers & copy
in a new form all that relates to the Scientific out fit
Day hot & sultry. This per hitch a little, but I carifquite see where the snarl is. Nyde seems to be a snag.
So up to Dr. Slebbins' in the evening. His little boy
broke both his arms last night. It is a great
trial to them and him, Salked with S. about
by assig and plans for the future, & the transit

complete the forms for the Scientific out of the Scientific outfit.

K. established a sort of head quarters down as Ray monds office of the Fransit company when Rothrock and May navo examine in to the qualifications of candidates for positions in the exploring party. Set all the alcohol tanks & boxes to gether down there, and wait & see Kennicott, a whole fire company have applied in a body to so but were refused. Let the Nicaragua collections timed up & boxed.

at work all day at my room making out a suppositions requisition for serentific out fit which toots up nearly \$100.00
Alcohol is the great point-1650.00 for 500 gals
Denis on helps me make it out. Day our
entry & enervating. Evening Report atthe Cosmopolitan at 8 o'clock, Day begins to
the Cosmopolitan at 8 o'clock, Day begins to
weak on plans. Rothrock begins to be selected
as his chief of staff, although Just now he
seems to want that confidence in k, that
the position should demand.

another hot day. Spent most of the morning in attendance on the great Kennicott at the Cosmopolitan. Present my summary of the scientific out fit required and discuss lit. In the afternoon go to inquire of liquor dealers about alcohol of arrack, in bond. Find that I can probably get alcohol for \$1,50 in 5 gal. tin cans encased in wood and of such a shape that they might be used at a plinch to back things in and bolder up. I wish that my position was a little more clearly detined. I have no doubt however about it's good will.

Spent most of the day up at the Cosmo politare, helping Kennicott. Their seems to be some mis understanding between him and Bulkly owing perobably to Ks, rapid and somewhat incoherent etyle of talking, and perhaps also partly to Ks, somewhat over ambitions views with regard to his position in the Expedition. In the evening K. takes Brothrock + I supposite him to Bulk leys room when he broaches his plan of going by ticken and Dease Lake with fifty min and ten thousand pomnos, which Bulkley does not receive favorably.

Rothrock is ordered to report to major Pope and with him to get up a plan of exploring the Babine Lake district. In the evening they go to work to discuss a plan when K comes into the discussion in a some what excited manner, and knocks the whole thing into ping to see ayres & to the mercantile library for Scamman after riding about & visiting the Palmetro with him. Weather very hot and uncomfortable. They tell me it is very much warmer than usual in San Francisco. Overland Mail tonight, Pon ay hopse for letters.

## TUESDAY 9

morning walk out with K + try of post him on events omewhat, and give him some idea of how I am out aderview the situation. On returning meet Roth week I have some talk with him. Visit Most Hebbins portly to let her know I am in town and partly in the faint hope of getting some word or letter from home. I have not heard since I arrived; but there was none. K writes out a plan for the Youkon, which is fristy received by B. I ho is instructed to proceed on a basis of ten men and make out specifications. Now at least we are or firmer grand

Morning, went up to Cosmopolitain Write for Mr.

Kennicatt being with him all day.

He is certainly in a great state of excelement or else he was intoxicated. I should say of another man judging from the same data that he was either insane or incapable of doing the work set before him. It is now since last beto-ber he has been running a full head of steam of excite ment I whisky. He is abourdly sus picious of every me. Kennan came in in the A.M. Accomplished a nothing and ate nothing but weakfast. Hel quite wom out.

THURSDAY 11

Fixed old Bischoffs butter flies in a box ready for

Joacking. Went down to Ks voom and meet Capt Scammon. Nork principally on the basis of 10 men to do the Forkoncipally on the basis of 10 men to do the Forkoncipally on the basis of lebarge are discussed and or Lenord & Envis & Senison are in Prospect that benism goes frager. Down to Cat Cos office at 1, + stay till two. afternoon, Whitney, alfter, of there are in no.43. Alfter, will do for astronomer I think. Don't like W. must get that al cohol dealer know some thing soon. R. Pope would be a great addition if to be obtained. He is a good fellow make out sci. requisition but ballows.

on requisitions to all the morning. K. has considerable talk with Ennis and Whitney who is so to speak subdued shightly. Call on Capst Noyes at his office but he was out. Let an enclosure of a mole from father and some slips about the agassis Ex. from mother. all were to ap. 1. Evening, To to hear detchell as Capst. Cuttle in Donnberg + Son. He was explended attorigh poorly supported. Let Home about twelve and sleep someting, affer & Donahue were with us.

Start up to the Cosmopolitan rather late in the morning, find Kennicott busy and engaged with Pope. To down to Custom House and get an order for photos of sit, for 3 dog. field, tate of Ennis give me each one of Theirs, about 12 go down with K. from E. stop at Hubbards and K, sels for his photo of has a discussion! with the operator. After noon go up to Cos. write te and about six go off on a walk with K. to Belegraph Hill and back meet wright, and leave him to K, discussing Black, who be left handedly blest!

Morning wake up with a sort of windy colic and spend the greater spart of the morning in getting rid of extra bile + mucus. About noon muster up, and go down to Cosmo politan. where I find all out and return. Evening, 40 loverer and visit the Noyes's where I meet mrs. Brack kett to whom Mr. Collyer gave me a letter, from Chicago, She is just going out of town or would be happy to have me call. Return to Cos. where I find K. with the diarrhoear, 40 bout land get him some plandaments and return to the Exchange.

Up at the Cosmopolitan early. "Write te for it. about moon go over to the "great Republic" which is loading with me to for New York. I wind some opide of manganese said? erroneously to be from "Red Rock" a short way up the bay. After noon start down town to see about scientific outfill for Popes party. Yet up a regular fever and return to am. Ex. Find the door locked and Key away and determined to face it down, go round and spand the evening at br. Ayres! who prescribes quinting for your days.

old Panama back again. Dawn him! Fils of von tting and evacuations, following each other every five minutes till the afternoon when they cease from pure exhaustion. Drink about agallon of water, which aids in stopping the vomiting to Boths expussions nearly puri bile Those from the bowels nearly resembing bloody serun. Toward evening fell better and worry down some constarch and strawberries me, home made but good. Pass a frir might.
WEDNESDAY 17

though another days fever betthe penalty, by Their photographs. Lay about till luther I get hunch, and go back, about 33 start for the Steamer. "Tierra Nevada" for Esquimalt. The niggardly Co, only furnish these gentlemen with steerage tickets, where they would be neck and neck with changings of coolies for the mines Cheer them, well away, Caribous, and return. Early retire and pass a restless night,

moning, rose late and went round to the unfortunate dealer in high wines and tell him I've been siek and couldn't attend to his matter. Up at the Cosmopolitan. Kennicott out, go round town up to the photograph salvon and other places. Evening take the Holsombet, car and go gut to Capt. Scammon's place but, fino, all out Return and so up to Ke room. Rains hard. Want to talk with him about myself I some other things but can't raise a chance. Sleep there are night. FRIDAY, MAY 19, 1865.

Early, down to Exchange & get breakfast. go about town on small errands, visiting shell dealers to, Look through the fish markets at the specimens of Lebastodes & Lebastes &c. Call on Runan alt the Cue. No. office, and also on R.E.C. Steams. Rennicott sets a lot of miserally skinned birds from Lorquin, some rane ones. Evening go downto Capt. I cammons to call. Meet Mars Ocammon, a very pleasant lady like p son and look over the Captains photos & portfolis.

morning, down to leas mopolitan. Wout half pass ten, go down to Mr. Steams office and go down with him to, the oakland Herry. Take the celet ted steamer Washoe to the Oakland pier across the Bay and the cars there, where we arrive about 12°, 30' Take lunch and go up to Dr. Newcombs, who has a most beautiful garden and place, though small Kook over part of his cabinet and take dinner with him. Keturn at 6.40' Evening go to hear Norma with K. Capt. + Mrs. Scarmon, Miss Bowline, 4 the daughter of a Russian gentleman a very pretty gin

About half past nine go up to dorquins, where I meet Iteams and we slast off for Point-Lobos. The wind blowing as usual, diabolically, we decided to go to the north Beach. Had a pleasant though somewhat dangevous walk on a narrow path around the edge of the hill over hanging the surf & rocks. Collected Patellas, Litorina scutellata, Purpuras and Chitons, Yook a drawing of the Litorina animal, and returned to take duriner with Iteams and late in the evening to Coo. I steep there. last and that to apposition Heaver office, where I take out what we need to complete our out fit for dredging and meet k. We go way down to the end of Battery & I find we have got to go Wack again, Hinally get on board the Shubrick, get a boat and with asst. Eng. Winship a good said about the bay. Cast bredge twice and the second time get some good things. See the Chinese drying shrings. Return leaving dredge to aboard. Even's with Charley, K. & Ketchum wacke a tour of the Chinese quarter and the Peter Funk shops

Morning down to Coo. K making out the requisitions of cross as a hear of course. The cale seems to stand now that I shall be made scientific quarternatter to remain on the vessels in charge of the scientific stores, and the marine collections. Write letters for Hearns, call but he is out. Let my photos. I write up memo randa. Evening, go up to Cosmopolitan and talk own scientific equipment. It. goes off on an expedition some where, and I go round to call on the Noyes's and find only this noyes at nome who invites me to dinner Thursday.

Price certain articles of scientific equip ment. Look about for powder cans be to to times after information, and make the discovery that in Frisco men rather make money on poor work than reputation on good. Dr. John Forrey, botanist & U.S. assayer arrives from New York and on board the Moses Jaylor, Fake him rome by the Moth beach round the edge of the hill & another some good things in the way of plants. Evening as round to Hearns' and look over the Chinese shells with him of which he gives me a set of duplicates.

Rose Lati, went down to opposition office and jet a net for old Bischoff. Buy thread for labels. Its up to Ko rown and then down to Custom House to find and. I botanical paper. See or. Paine and find that I have seven cavities to be filled which will cost \$35.00. Is about with Kennicott & price guns, and afterwards after Copper caus. So round to Mrs. Noyes to dinner, look at their fine little farden, and in the evening play Dasique with miss Ligare, the rest being all out. The fuschios west every thing I were saw before of the kind

moming up early Charley asleep but sick, don't wake him but off to be Paines where I spend the greater part of the morning and have four filling on upper hight-hand side. Then go up to Cos. but K. is out at Lorquins. Godown to Custom House and to tailors to get measured for uniform. after-noon write out directions for the Captain of the Palmetts to collect by. Evening so round to the Decidental Notel and call on Mes Raymond with Kennicott. Things look more confortable in regard to prospects than hitherto

Morning down to Dr. Paine's, who fills first molar with gold a very large cavity and a very painful open ation, unusually so. at half past ten down to the Custom House to see if Donahue has seen the Capitain of the Patmetts. Has not, Up to Cosmopolitan where of the Patmetts. Has not, Up to Cosmopolitan where of the some discussion in which K, was very unfust to me, I give him a few plain words. afternoon guttogether an equipment and get it about the Patmetto but fail to see the Captain. Have a hard row walk with mike. Evening, K, goes to the theatre.

Went to Mr. Stebbins' church. Got there early and epend some time looking over the arrangement of the church and at I starr Kings monument. It is very simple yet elegant. Went into Capt. Moyes pew who with Miss Moyes was present. After service walked down Town with him, and then called on K. at the Cos. Hound him out, went round to Capt Noises to dinner, Met Mr. Chas. Wendle from Boston a very good fellow. Had some music and in the evening an interesting theological discuss.

Prepare To go out dredging with Charley. Board the Shubrick, and take the "first-cutter". Neither andrews nor winship were able to go, and we were obliged to take second heut. Hover as officer who afterwards proved totally ignorant of the proper management of a boat with a sail in a head wind. Went over to wat Island dredged round the north ern point tried to beat back but were kept from!. to 4.35 beating about and twice nearly eatinged. Landed us at Hunters from the walked a miles into town beating the cutter them. Fidet wind in the bay are could. Called on mis faytor in the evening. with

morning. For up to Cos mopotitan and mut K. It to tailors I try on uniform. Fits well hut is damed income for a minule I get letter to Table. who is just come to town. To the stationers, to beological survey Rooms, to alta office where I saw some fine minerals. Board Barque Palmetto and find it to vought to dredge. Is down to see Barque Tolden tate on which I may expend many days yet. The is a fine vessel and beautifully fitted up. Five in the Cosmopolitan but does not reach K's, wing took at Cols. Microscope and go to Mis Taylors for K'in the evening. Alter sheeps in my room tought

Morning early down to Cos, with things from C.A.J. Cos office for Kennicott who is If to Mapa to stay over night with Col. Bulkley I Prof. Ins. Torrey, after they are gone see Capt. Scammon for a moment about Capt. Somebody stationed at acapulco. Down to Dr. Paines I have some more filing I finding done to my teeth, Call on Lobb with Hearns and look at some fossils of shells of the Jeological Lurvey collections. Up to Cos I wait for Capt Scammon who don't come and in evening go round to Steams house with some shells. Back late.

Fast-Day for the national loss in abraham dincoln. Up late I go down to Dr. Paine's where he works four hours filling one tooth and draws one. Up to Coo, nobody there. Down to american exchange where I write draw hymneas to till dinner. Loss of blood I consequent weakness make me some what nervous after dinner down to Cosmopotitan where I find Kennicott got back from Mapa with Dr. Forrey I an enormous pile of plants which he has obtained there. It I spend part of the evening at the Seammons I discuss sea elephants I cetaceans.

Morning, gaws pretty sore; tell Dr. P. that I want sit to-day. Yo up to Cos. Remiscott out. Yet Denison, Dryer, Innis & myself at work writing the directions about measuring eletaceans. Make a drawing of a whale. Yo to Dr. Kelloggs & N. J. Bloomers and find the price of electroly ping it. Is to tunch with Hear and with him to Jowne & Bacons. Down to Form on water meet least fearmon, and give him papers. Ye. Down to Cos. X to dinner. Evening up to Cos. X. Offto theatre. Yoround & see Dr. Ayres.

Morning, Kennicott busy, go round among the booksellers looking out for a small library on scientific subjects, to take aboard ship with us. It to the best bookstones in town but find nothing except at N. H. Bancrofts + Cos They have a very good assortment. Afternoon, go about town with Kennicott, get my uniform, and other errands. Evening, evo up to Cos, for a few minutes then up to Mr. Stebbins, where I are him, Mrs. Hebbins & Prof. Ashburner, and talk somewhat about. K.

SUNDAY 4

So church at Star Kings. Mr. Stebbins pere ached a rather dull sermon on Lemptation. Mrs. of Capt. Noyes at church. After Church walk down with Capt noyes to am Exchange, write letters till three. Then go to his house to dinner. Opend most of the day. Mise Moyes is engaged to a Mr. Wilson now in Mew York, Jon of Jen. Wilson. Yorund to Cosmopolitan but find h busy finishing up his papers for Prof. Baird so I go down the write. Steams comes into my room and talks with me about Yabb, shells, The Cal Jead. of Leiences to

Morning go about town with Kennicott Down to the alston House, being dead broke but can't raise the wind. Hyde is a c.a.d.d. also a hit. and to.e. Often ? o'clock go out over the chappanal west of the city, get a specimen of Eutania elegans, Keh. and many insects Kennon also gets some animalcules. So to the meeting of the Cal. Ac. on Clay M. very amusing. Kinakes them an offer of exchanges or donations if a list-of desirables or specimens be sent. C. J. fackson, there after meeting, gots los. I meet or Pairse with col. Deuken, walk oout with him.

Morning so round to Dr. Paines but find him out. God up to Coo. Kennicott also out. Come back and sit two or three hours under the filling to Make a recess go round to Geimanns and order pold cord on my blue points to. Back to sit authorite hour, then up to Coo, with Kennicott go down to Oakland Ferry, Come back to Exchange and write Mews that Scammon goes but with out Sout Poot, pay, So up to Coo, meet wright, Kennan, and Bush walk out to end of New bridge with em.

Morning go round to Dr Paines and have my buth finished, filed, scrubbed, served the twisted and generally aggravated. Bill for near little eum of the hundred dollars ingold. Nineteen eavities filled and one tooth pulled. Afternoon, up to Cosmobolitan see themseott, start off over the hills west of Pacific street with Kennan, find some insects lucing go down to Steam's house, look over his evilection of balifornia expessor. He gives me a specimen of the letturite of gold and silver from the Matories mine Calarctas Co-very par in deed. Tare of her tenay

Morning, Some face ache very disagree able from the continual racking my jours have had during the last few days. We down to what the last few days we down to be got to so get to see if there is anything to be got to so get electrone papers to copy which takes me a good part of the day, but is finally done Down to less again but Capples. is away to to Cookes with orders for labels and in winning down to the Hoyes but all out out to capt scanning and spend the weening

Face ache like the devil, do some writing for Capt. Seammon, earry it down to the "I. Tate" D. M. Yavish and Count abassa arrived to the consequent exaltation of the irrepressible K. Yesterday afternoon went down with Kennan to the "Yerba Buenas" graveyard, a perget abonination of desolation, It is a disgrace to a civilised community to have such a place in its reach, undernedied. nothing to do in the evening, to I go down to Hunter point over the new Bridge with wight, Bush Lebourne, Kuman and Black, How a jolly walk, Down to fel office, to Cosmop and home. morning sans ache, but still lender. Up late and have a call from K. When at breakfast, after break fast down to Custom House, meet K, get side Down with thin to Bherens, thence to Cosmopolitan, meet Kennan down to opp. office with him, thence to Behrens with things for Biochoff, thence to Custom House office Thence to meredutile Libr. there there eto Folden Jate and to the Str. Wright, thence to the am exchange and write up fournal, afternoon

SUNDAY 11

meet Dr. Torrey up at los. also mr. Williams the artist spend a

good part of the evening with them in Col. Bulkley's room

morning. Up to Cosmopolitan, K. not there. Over to Mercantile Library and read June allantic, with a good fiece by Gail Hamilton on chickens of Mr. Steblins to church home with Capt Noves who makes me a foresent of a quadrant, and ease. Itay to dunner and often the walk out to the Potrers through the south Park where Prof. Miels' establishment is, The Prof. offered me the use of his hall to lecture in the other day.) back to house, thence to Coomspotitan and home leaving quadrant for alflers inspection

Morning. Up to Cosmopolitan. Derison not there nork. Alfer in; work over quadrant and get some idea how to take altitude and time observations. To down to the goden Yate. Seammon not there, down to Custom House, thence with Rebowne to barque and steamer. Seammon in fils about Ayres I whales. Respectfully decline mixing with the matter See Kennicott I den ison in aft. Reman off for Vivinia Cilip for a week. Pro vide him with bottles to be winning eall on Miss Bowline with K, Thence to Steams thence with him to Decidental when I meet and have along talk with Mann Just from Hon dulin. S. J. an old TUESDAY 13 Cambridge hour.

Morning, Up late, Denison in, writing up, on Cal. ac Proc. Sounto Cos. thence with Xito Opp, office thence to the Rolling moses, who starts at 12. Meet M. Klinkofström, lady & daughter go over the gate & Wright with them K. & Count abbacka. Return and go to Custom House, to Geimans, Van Tassels and am. Ex. thence to Cos. Bischoff, brings in a frine lot of things from Behvens! Up to Cos again Read with Denis an a while, Evening, go to Chappels Mr. Hebbins, Major Williamsons, Mrs Ray monds, los and home - Mrs R. gave me some beautiful carnations.

WEDNESDAY 14

Morning. Down to Cos. find K. & alfter in bed. No signs of Denison. 40 to see Behrens, and meet Hendrickson there see the Shappel about alcohol. Step in to see mr. noyes I up with him to m. Burlings; who is out, Up to american exchange & arrange some flowers & a rhyme for miss noges up to los Stay awhile oppwith alpter to Mayor William sons where we learn a good deal about the use and workings of the Barometer, Back to Cos. K. hips to make snakes drink but they wont. After driner leave boguet & note for miss noges. Write to fadie, sue Bolanoir. Mann gone to Yosemile bor two weeks.

Major Williamsons with IK. Wheel alfter, go up and find the Major at home. Mr. Demeritt explains and shows us the method of cleaning the mercury and taking out the glass the te, with regard to the varometers. How till Loclock, Then back to Cos, & downto Mr. Burlings with Caps-noyes, B. promises letters to Micolaisk at the Mouth of the amoork. Yot from Chappel the alcohol (5 gals.) Saw Mr. Nephem at Cos. & Dr. Forrey. who is off for Ita, Barbara Tomorow. Evening, 40to see the Noyes where we play eards &c tall late FRIDAY 16

Morning, oversleep myself. To down to the Custom House, sel Chappel, get 25.00 on ge, 40 up to opposition Steamer office, Knot there. Pay German, put in letters for tomorrows steamer, Up to Cosmopolitan 14, not in clown to op. office a gain not there. Make out ofe with him, get up polan for respaining trunk. Afternoon get out an out fit for respaining trunk. Afternoon get out an out fit for respaining trunk. Afternoon to take ups country. Charley misses his revolver. Portably stolen. To out to Capt. Scammons to spend the evening, back late to the Cos. I have a spat with K. about the parsimony of the company.

morning. Charley & Ketchum get their traps together and start off ten miles on the San lose R.

R. on a grand collecting hunt. Spend all the morning at the cosmopolitan Hotel labelling, cataloguing He the specimens collected hereabouts, of which
old Bischoff has got the larged number together.

40 aboard the Shubrick and get the dridge on
board the "Late." Down to Dr Bush's and have
a pleasant talk with Dick B. After dinner go
up to leas, and sit till eleven with poor Wright
who is sick with remittent bever. Talk also with K.

SUNDAY, JUNE 18, 1865. morning to Harr Kings church, Mr. Hebbins preaching. text. Leek ye the kingdom of rod and his right-ousness! a dry sermon as most of Mr. Is seem to be after church step in to Cosmop ditan and sex Kennicott, Chappel and abasa, Cte, also Col. B. for a moment, see anght and amold when to ann ex, where I repair my trunk, then to Hearns at 515 Yeary street, to dinner, Evening walk down with him to the vicinity of a large five on market St. I watch Il some time, Then to am. Ex. Jinish trunk Passed a fair night, wright rather feverish but had some sleep. about seven go into Rs room and back to am, Exchange to breakfast. News that Field of The Frazer Ex, funked, came back and is in town now. To up to brevoor House and back to Cos. To down to sed-Survey Kooms with K. to see field. Thence to Custom House office of to WM Burlings. afternoon To down to Wolden Pate + wright but huss last-Jeannon. Donoghue is disgraced for tattling. and drunkeness. Spend most of the evening in He rom. Charley and Ketchung bring back some good TUESDAY 20 Things brown out of town Wright-better, In Ks room most of the morning morning, down to Cosmoppolitan, Sort and label the specimens that Charley + Ketchum brought in from the country, which were very good things, and a good many of them, in the afternoon label and eather and not alread

g numbered. Evening, go down with K. and Count

Wasa to M. Klinkofstroms, The Russian Consul, when

meet Madame K. her husband, two daughters and here

grand dillo. Miss. Olga gave us some pleasant music

Morning. Pack up my shells in a box. Down to the Cosmopolition and copy into the book Hearns gave me, the outline of the mussian chart of Norton dound. Prepare to pack up traps to send East. Strong hopes of being of next Wednesday. The Scientific work this year is a failure. no outfel bought. I delay the reason. After noan To with arnold buy bottles. Yet letters from Bur ling to mouth of amoor. Order panets. It poes to Klinks with uniform, and I go to eall on Miss Bowline I spend the evening. Have some good music.

SATURDAY, JUNE 24, 1865.

morning, take sei. equipment down to the opposition office pack everything as compactly by possible in the alcohol chests, FC. Get adams, Smith Alzimora, Mike le Barge, and Charley Peaks, to help, also pack tin of alcoholic experiment to Send East. Fake Sci. Eq. down to the bargue yolden Tale and lee Mrs Scammon Davison and the Capt. of the wright. Have to go down afterward to see about marking them. Kennan returned to day, from Virginia, Mevada, Evening, To round with K, to the Klink of strong Where we pass a pleasant evening with nusic te.

Morning, after breakfast godown to the Copp. It. there I talk till half past tim. To to Consul Irlinkof-ströme and go with Mies olga, and himself to hear Dr. Peck (M.Ep.) preach. after sermon a subscription opened to close off the church debt. The Drs. style was high armsing. Take dimer with them and in the afternoon with Miss Charlotte de Ro, and Papa Klink ofström I the girls I the Captain of the brig of ga, walk out over mission Bridge. Itay to tea I part of the lovering. Have some singing and a good time. See K. late, I makood. That seldom passed a pleasanterday

Morning. To up to Cos. Col. B. inquires of me about the whisky jua. K. out. Down to office present bill & gel ? 250 pain Chappel. Go down to Opposition office take Popes box as to the barque. Mark the Scientific outfit. Up to his room pack up remainder of biros. Steamer in. Irlden Rule lost. nobody hurt. Drunken Captain. Down to Office, back to see Col. B. about boxes te. Draw map see Mrs Scammon. Doubt fully the two ker. officers go, as their struck for higher wages. Meet Hearns. Toto acad, see Mrs Ray mond, Spend pan of the wening with whight morning. Down to the barque Golden Gate. Capet Scammon not there. R. HP. pay me my debts. Get the army Regulations for R. Meet Narder and Bendeleben on the "Gate. Walk up with B. Stop at the Bogatyr Saloon for hunch Try tresh figs, which taste like rotten peaches, devoid of plavor. Cala. olives too, which are very oily tasting. If up to Cos. Later down to Custom House, I then down to the "Gate" with K. Mark every cussed individual me of the Sci. vittil packages I cans. about 55, in M. Hyde don't go to asia, abasa will go with Kennan I Bush, Evening go out to Capt Scammons with K. and discuss ite.

Morning. Up to Cosmop. See Kennan and down to the Holden Yate for the papers, rules to. Step in I fee Iterms who goes to day across the Bay. To to cos. I office I tel. office after Kennan. Can't find him leave I ignal book with Denson I leave on I delock boat for Oakland to see Br. Newcomb. Look at many fine shell, the Doctor giving me home, and return at 5:55° Write up remainder of Rignal book and take it up to Wrights room. Find him in. Mahood, Ruman, Emis I Kennicott come in. Get up a design for a scientific shoulder strap consisting of two cockleshells in either or gold at the ends.

Morning, To down to the Cosmopotitan see Wright of Kennan in their rooms, be k and show him design for strap te. Show it to the Col, t get permission to your with it. Down with K. to Georgical turry Rooms to borrow a Pecter for the engraver to copy, get Tanina bella possil, take it down to Grays. To to mercantile Selvary teorpy a Buchers for pin. Take that to mays, go to bank, get pants go to alta office; up to Chappels room, Down to cos to back to am. Exchange to ante quite late.

morning. Up to the Comospolitan and down to the rooms of the giological Lurvey. Let drawing of anomala? from mexico, by young Rose Brown. dook over labbe achatinellas of which he had a fine show. To to Office at Custom House with K. and see Col. about book & get bruiths "Carpenter on the microscope" Take it to his foom and have the bul approved. Get some ches min. Down to the farque at your but the dort had out till tomorrow. Mann come back from your the dort had a frine time. To up to his room and stay a white. Evening, brush up & go round to the Klink of troms of get furnic at oakland. The olga starts Monday & above of go the property of the Klink of the olgant furnic at oakland. The olgant starts Monday & above of go the property of the Klink of the olgant furnic at oakland. The olgant starts Monday & above of the same of the property of the order.

Down to Custom House office & present approved bill but that ever Chappell aint got any spondulieks. Down to trays and get pecter & silver Scallops, they are fairly well done, see Van Sabel about straps. To to an. Exchange, then to Opposition office & finish packeting up shells & things, afternoon jet bug & straps see Mahood & the bays here. Evening, see K at Cas to down to see Miss Bowline, lout & Mrs Taylor. Youp to Cos. & see K at Cas & Cos. & see Charley who's poisoned by a sp. of Rhus, & Spend some time with Dr. Forrey and Col Bulkley.

Wake at 6.30' just before the man comes to call me. Bress in full uniform and go up to Cosmopolitan and rouse K, and we go up to Capt Scammons to broakfast. Walk down with him to the Wright of Yolden Yate which have reed their and Stay some time; go down to the manager Exchange and write out directions for collecting. Also someletes home. Wout five and a half older go down to I I I den gate and meet tharder, then go up to Mr. Klinkofs troms and take tea your the wening very pleasantly and walk back with H.

morning. Rise early and after a hasty breakfast go up to the Cos, meet Kennan, and go to the barbers and Dr Paines with him. Meet Bush and arnold. 40 down to Consul Klinkofstrom's office and meet the young ladies and Kennicott, go down to the Wright & see abasa, Bush, Mahood, and Kennan off for Siberia. Then down to the 'Vate with the girls and home with the party, slopping with Mrs. K. to make some purchases. Yet a room in Heralds Block for tomorrow for the ladies, but to tell them & Mrs. Scamman. Capt. S. promises us some chairs. Even. To with Torrey, Mann Wright and Stearns to meeting of the California Academy.

Morning see Kennicott early. Yet chails from the Golden Gack Gack Gate and take them to Room No. 5 Nevalds Block. Back 3 to Cos. and up to Park for the ladies, Mrs Klinkofstrom and family, Miss de Ro and Mrs. Scammon who occurred put the room during the passage of the procession which was spoor, the military & naval blacks & white I smaking all the show. Up with the ladies to dinner meet the Dutch Consul. Capt. S. & Col. B. pall while I am them. To up on Mrs. Ladds roof to see the fire works which are a fissle and spass the evening pleasantly at Mrs De Ros. Walk back with Bugbee and Mr. Horner. Hop at Cost see Col. + WEDNESDAY 5

morning. To to the Cosmopolitan & from there with Kennicott, to the office of the Pat the leaston House. Present bill of least but don't get it honored. Have news that we are to start Saturday and look up blankels, bedding, &C. 40 up to the Cos. represent the facts to the Col and dak for 150.00 Col. will see about it. after dinner go up to Capt Moyes with bundle of shells clothing, &c, mrs. Noyes has been seek sit in Ks. room and write lune, Evening, read paper w. Pross gave me after going to the bank with him. I seeing Capt I, leall in the Cols room and find Miss town with them

morning, oversleep my self and get up at Cos, about of oclock. To down to Bradleys, and get my photograph taken in uniform. Then go up to Cos, and stay a little time, meet Charley Pease and get his photographic card, as Hydis order is no longer good. To up to Capt Scammons and walt some time for him, and when he comes take certain orders. The Bapt is much worn by dyspepsia, can't get aboard the Tate who is the Stream, but give the papers to Black. Evening, Col. promises some money, Chappel dish pray the Col's book will. Call at Klinkofströms with K. We are to be aboard the wright, it's said, the 8th inst, at g delock.

FRIDAY 7

morning. Up to the Cosmopolelan about nine. To down to the office with K. I the Carcajous. Wait there for some time and being put off for two or three hours, get rather funious and though I down show it? I go up to ks room in a perfect raging funy inside. Yet cooled down a little and go to Chappell again and about four in the afternoon get baid up, at the rate of 30, joid from marto July 1. I to betober 1, at the rate of 50.00 a month, gold. Evening, Go round to Mr. Taylors for a minute and then to the klink of stroms and find miss de Ro there; Who goes into an extacy of petite Juny over Homers talk

morning. To up to the loss. K. will go 20.00 on sei outfit to be expended at my discretion. To about town and purchase pill boxes and drugs to. To with Charley Peace to blanket store and round town. Pack up small see mat live in a trunk. The segar boxes. After dinner get some small things needed for out fit t beat a cheating Jew at his own weapon pay Dr Paine. 30.00 and my smoo note for 50.00 more. Med tred Foster my ernein here for health, His brother is pay master on the Laneaster, now in post. Call on Mis Ray mond & Miss Bullene. Look for but bout fried, Mis Seaumons new house Yalk tale agness.

morning be to trunk, and spack up many things. To down to Cosmopotitan, and from there to am. Ex. again then to Dr. Pecks church with Mr. + Miss Klinkofstrom. After a good sermon go home with Mr. K. and spend sport of the afternoon, K. comes in, I go up to miste Ros of and take tea. Meet Mr. He Ro and a mr. Rogers. Her a number of photos. incl. Olga & Charlotte. To down to the Ks and Vid'un good by then to Coo, get my quadrant, then back to am, Ex, pack, write, work and fix up things generally for our start.

morning rout out Charley and go down to an early breakfast. Meet Jay Chappel and go to P. D. & Geimans and brands shirtstore with him. Up to Cos, meet N. & leharley, Go to bid Steams and Gabb good bye. Go down to the Market Street wharf and wast. Mr Klinkofetom Behrens, Van Tassel and many other friends of the boys come down to see us off. I m board with Hardin who is my chum; in the first boat, Get luggage all right, Rist come aboard at various times, about dusk the Wright comes along side and town is ordined my assistant leaves us there at an election. Starr is ordined my assistant

Early in the morning, the Wright tries to low us out but fouls her properlier with the hawser and we are obliqued to stay at anchor all day. The Wright is towed off and beached on the shore to get the however off. The winds blow hard all day but calm down at night. Don't feel sick, though we have a heavy sevel. Put from in order a little. I like Harder very much, He is quiet and a little ood, bur mess consists of the officers of the vessel Wright and a little ood, bur mess consists of the officers of the vessel Wright and a little ood, bur mess consists of the officers of the vessel Wright and Chappel Ir. Lewis, Smith, Ennis R. K. Conlin Lebourne Harder, Black and my self. We shall have a good time

lealled up at four o'clock by lapt. Scammon who is unwell with bilious attack added to his previous prostration. Tive an opinit + carrier ative + taking two biscuit and the gig, go up to town to see by lyro stain some drugs left out; by culpable negligence, and a pair of scales to weigh them out with. Bring the or, down to the ship aft, breakfasting with him. Stay with the Captain + prepare medicines most of the morning. Afternoon about four "Wright comes + takes us in town and we stand out westward from the gate. Armseppointed acting surgeon which relieves me from quard duty. Toward evening Col. Bulkley + Black whom we thought left behind come abourd. I from the wright. Dicipline will come into play to morrow. Capt tette.

about five o'clock turn in to Drakes Bay about 32 miles from Inisco, Lay here a good part of the day. At cleven it is decided that the Pate goes clined to Sitha and the Wright to Victoria. Irans fevs of men I cargo are humed by made. Mr. Hyde comes about the late, and Col. B. Lewis and Kennicott go to Vic. Write home I to S. Fir. in a great hurry and give to I. to post in Victoria. Also get him to get me some out fit then. About three o'clock start out of the bay and take leave of the Wright. Sail in a southery direction. Captain much improved. Several cases of illness on board, none serious

Called up early in the morning with Capt. Scammon. The Tate skips along as merrity as a young goat, and Davis asks me piteously if she isn't going to tip over. as she wonds under the stiff breeze. Teel some bitious symptoms take two of my own pills. Course mostly S.Wby W. and the breeze dies away after the edge of the morning is past. Lay low most of the after nom and feel rather the. Wright overhauls some of his duds and gots out some of his medicines which I take under my charge. Have some brok shelves peut up in the afternoon.

tell poorly in the morning and kills work pretty thore oughly. Capt. Pearmon again troubled with nausea It is a very difficult thing for me to work with confidence in his case, it is so idiosyncrotic. Catth two chearwaters, male & female or old & young, let Biochoff at skinning them. Put ship on N & W course, avenic can't be got at till monday. Pease and the babies growt about having the birdskins put amidships. Yet the Captains permission to put them in the after cabin. Captains permission to put them in the after cabin. Captain still poorly but generally better, more of a breeze springs up toward evening. Read liquiding Methods to SUNDAY 16

Early morning a squall comes up and makes the sailors by about to wear ship of take in sail. It is in a favorable direction however and we go ahead very well under lop of mainsails. The pitches somewhat but not badly. We have several additions however to the sick list are two of gonorrhoca among them. Eapt, slowly improving about eleven though raining, we have inspection and dress parade afternoon have a sudden + painful attack of the gripper. Take some whiskey which wright kindly brings me. Visual spins along about four and a half knots an home Lat I Lon at 8 oclock A.M. 35 229. N. and 125:125 W. Gryy.

morning, fair and beautiful, baptain storty improving. Addition alreades of disquesting diseases come out. We are going about hix and a half knots per hour. Jaw a number of perpossed.

The of the boys and ships named Davis, I find has been playing "old sojer". I have given him enough medicine to lay out half the ships crew; of which he has thrown away some distributed some among his friends, taken & brought up, come and shirked generally. Evening, to down into the Captains cabin and talk with him to divert him a little. Wright comes down too, after a while. Play enchow with norton and turn in.

Morning, called up by the Captain to see the Portuguese mino's war, (Velllae) Gloating in my riads on the surface, like little cockeember of felly perfectly clear and glassy the tentacles hanging into the water below; a host of purple fringes. Wind slacks off a little. Weather warm clear and delicious. Old Bishoff better. Time Davis two ormers of Epson salts and send him below. Let out the Russian grammor and work out the alphabet. It is rather tough work however as the Grammar is in Russian, list & all. and Harder is not a fine English beholar. Libourne helps me a good deal. He in an talk with Capt & cammon. Mr. Hy de a dvises me against R.

Morning. Twe Davis 15 grains of calonel and ten of thubarts the shall not watte much more medicine if 9 can help it. What he does with it, is more than I can imagine 9 see him take it before my eyes but he asserts it has no effect and he seems perfectly well. Break into the lower hold today, and get at some of the sountific stores. Work also at the Russian libourne helping One of the cabin boys runs a splintir about an inch and a half into his hand and I have a pretty time outing it out!

## THURSDAY 20

Morning. To the rounds and nobody sick. Work a little on Russian with Libourne. Captain reasonably will but uncomfortable and depressed. Tet out three millinet nets from the large alcohol Cheek, and rig out as a scoopnet for Smith, one give to Ketchum and rig one as a floating net to catch Physalias and Peropods. Try it over the side and it succeeds remarkably will and in Lat. 35: 40.19". N. Land Lon. 133: 54" 30" W get little blue crabs, Celesdora, Higgles, Numerous nondescripts and plenty of Physalic all far from lind

Morning Captain had a very bad night, Break into the lower hold and get out some bottles and alcohol. To over the captures of last night and put them in alcohol. Paint in watercolors the Cleodora, and most of the other marine animals which were caught my net works very well, and holds out well. Harder catches another shearwater, and he is killed to be skinned tomorrow live bavis, first explanaining a vattling dose of calonel. Evening play cards euchre the with Libourne Harder Contin & horlow

a fine day clear and warm, with a little rain at moon, Thip tacking most of the day back of forth. Yet a box on the cabin house to keep my birds in, Hard er casting butlets for the ship and some for our gnns. Captain much improved taking his dinner of supper with mr. Hyde. I pend a good part of the day in painting the Portuguese mano war, and the atlanta which were recently captured. Make some pretty fair pictures. Call the atlanta provisionally "I cammonic which tickles the Captain. Davis has a passage through the agency of 30 grains of calonel and 2 og Epsom Salts.

SUNDAY 23

Morning drighty and wet as usual on inspection days.

Lay round neading magdaten Hepburn for the third

time 1.30: make the low of the ship with Captain

Scammon, Multiple hint Davison, and abit. Wright.

Everything beautifully clean and nice except the ward

room water closet. Get some heartiful specimens of the

Physalia and Janthina bifida and globulos a make of

skitch in colors of the latter. Treenpead fresh heef to

plum duff for dinner. Russian a little of the noon.

Morning. a reven knot breeze has been blowing all night and we are going along merrily to the course of NNW.2N. Which is a pleasant retief to the monotony of the last two days in which we have made but twenty two miles. Say my first lesson in Russian to Mr. Libourne, progress but slowly. The tug of war is evidently learning the alphabet. the provienciation and spelling the grammar is comparatively easy. Write up notes on Santhina and other recent eapstures. Spend the evening in the captains cabin & discuss the affairs of the nation. Mr. Hyde lets on, freely days he likes the army te, and defends Sherman dogge bly

morning. Rout out Harder a half hour before his time much to his disgust, I spend mast of the morning in writing out in Russian, the first page of the Omyem & Poccinero - Amepurcantekoù rosse naviu za 1860 robbe", and succeed quite well, libourne has no patience unless one knows perfectly what they have been stiedging, in which he is not far from right. Throw the trawl net several times and get some small fish and some salpae, and argreat many of the "Velellae" and a very singular looking specimen of a string

morning. Orders for all hands to drill with Sharps earlines except adjutant, surgeon, quarter muster of Bischoff, which is very nice for me, a I can look on and see the others drilling, and keep my hands in my pockets. Het out a muggle for cook. Practice in the morning with great quest blank, round shot tahrappel. I seed mast of the day trawling and get some good things, Plin opodo of things and get some good things, Plin opodo of things and get some good things, Plin opodo of things fight a bark on our be about number of crabs. Sight a bark on our be about much off. Epond most of the evening with Capt

Morning Plant with the idea of studying up my Havonic. but m throwing out my net find the Pteropodo so thick that I nearly fill an eight of vial in a couple of hours. Let some portty bue barnacles floating in the surface attached to a sort of froth. Russian as a consequence immediately falls below pan. Duff for dinner. Ennis to the boys at drill. Jone trouble about old Bischoff who smills boudly, as he hasn't washed since he has been aboard. Mr. Hyde gives me a photo of Belinger map. I pend the evening reading Burns with Capt.

morning, Afair wind and flowing sea; on a new by N + 1 N. course, which points directly for like. Made a degree and a half latitude yesterday 40 down into the aftericaling and begins point ing a set of eignals for boats to. The captain shows me a fine paint box, partette + oray one, given him by the strince Maceutoff at Setka. Nearly finish the set, make a colored drawing of the Hy alea to and go to work writing Russian in the evening, leakt shows me some of his machine postry which is really quite good.

Morning. Work at Russian with M. Libourne, but get on slowly, It is a-d hard, to speak middly. Ilarrhas a stiff neek, gunner has ulcerated some throat; a bad case of secondary symptoms on the forecastle deck: Adams all right, bruith worse. Old Bischoff poorly, a poor looking list. Look to Sei, intercelo as today is the last bleakout till Sitka let cans boxed up. Work on flags in the afternoon spend most of the evening with the Captain town. Myde, I must get up a scientific flag formy want

morning. Ananias arouses me with, "get-up you bashed lasy Turk" in thundering accents, indicative of regular hash around the Horn, and speaking volumes with regard to the fate of smile + duff. Muster, cloudy as would, all passed off well. Lobscourse for lunch, Oysters, green peased duff for dimmer. Weather growing colder. Read Monttaigne and fine him unlgar + rather stupid. Pass the wining in the cabin, talking over the ald Scammen farm + family in Stratten. N. H.; the fortunes of Eli + his sons, and the old grand father Parker. also talk over mt. H. Elias, whales, photographs birds He with Mr. Hyde

morning Aull and chilly. After break factored Prussing for a short time and retire to the quarter deck where I find Mr. Hyde on the house with a broad expanse of muslin spread before him where he is to delineate with brown ochre I vermilian the eagle for the Revenue Jack Work on flags somewhat beeign a flag for the sei entific corps a blue cross I narrow border on a white field with a while Pecten in the centre. It will be quite neat. Paint the Scallop for the flag, wind seems to be objuing away. I peut the even ing in the Cabrin a dead calm about nine P.M.

TUESDAY, AUGUST 1

Morning on perfect calm. Birds, shearibaters into the wake of the ship but too shy to capeture. Thrus out my traint but caught nothing but legs of some fish a. Yot builting from the quarterminater and cut out and sived on my play. The shell is quite dry & looks well the recall for a scientific party will be a plain resolar. Finish painting in the cape & tun thy de also mr. Black. Finish painting in the sheet of signals and get a good deal some on my own flay. Itil us wind result rolling & sails flapping like a crable of the deep.

Morning. Make some turpentine himsent, for the Carpenters rheumatism. Let to work + sew steady by on my flag and nearly times he it except the edging where the halyard goes. Sew nearly all day. I well before dimmer hear a ery of porpoises! and go up on deck to see Mr. Walker harpoon one, but owing to not hauting in quickly he was loset. A number of whales were seen by some of the boys. Timish my sheet of signals + flags for Capt. Some min. Harter dimes with the Capt: Talk Poland with Libourne who I hear from thyde, is Austri a THURSDAY 3

Morning. A heavy ere on and considerable wind but nother on our beam, so we have to knock off about five points which would bring us nearly to Queen Charlottes Island. Lat. 54°. 14' No long gitube taken. Some of the fellows silk but of not become so my self. Try to work on my flag, but the air in the cabin is too much for me and netreat to the deck. Cook is sea sick our dinner consequently is none of the best. Anamous of Libourne dine with the Capt. Yet out a "Song of a thousand years" I start to learn it.

morning. Things rolling about beautifully. Waked up about 3 A.M. by Cotter who has strained his wrist. Twee him a west compress & turn in again. Day cold t cloudy. Try + work a little on Russian. Rolling so 9 can't write, too cold to read on deck + sickish in the ward room. Ananias comes down more suddenly than grace fully in the morning on deck. Try fishing but nothing comes to hand. The what I take to be tregetta Lawrencia Bon, a small black twhite bird thying like a plover. Finish my flag. Rice for dinner which goes well. A large weekilit

morning still a heavy sea on foggy or chilly. Yet out the newcomes of read the first volume. Find it sweet of biller like all Thackerays writings, to but for a little overlengthening in some places, very pleasant, yet up a sharp discussion on slavery to treason at lunch to pitch in promis cuously without fear of consequences. I never will truckle to treason or toadying in any case. After noon see many fine back whales spouting in every direction. See the grand old peaks of foint hrederick, huen than ottes Island, standing out above the fog Tack when within I miles.

Morning calm and comfortable. Land out of sight but numerous Mormon arcticus, to a hawk were seen scooting about also much kelp floating. Muster passes off all right, to inspect the ship afterwards. Every thing in beautiful order. See minerous fin back whale spouting and see one quite near the vessel turn ing over in the water. Rain and mist in the afternoon. H. titillating but no results! Wow!!!! write a long letter to mother in the evening. Only twenty eight hours from Litka with a fair wind

morning, land again in sight. Prince of Wales Island Throw my travel & fetch up pine seeds and leaves and sundry little sand fleas & shrimps & E showing land is near. Hazy Islands in eight in the afternoon, little volcanicy rocks. Mormon arctions and a large flock come off to inspect us. Su about having my boat fitted up. Col. Nyde very obliging. Speak to him about alsimora. Pass the most of the evening with the Captain and have lay chapped copying my notes in the day

morning. All severe, to michly in fact. Robinson kindly prolunteers to copy off my remaining uncopied notes so that I share have that off my hands. Yet the sail for my boat under way, and set to the make my self a dredging box, rathers troughly but sufficiently good for the purpose. Try met over to get nothing in it, red aline, the whate feel, Cleaning is furing up for entering into port. Afternoon, all hands at quarters, exercised at the great guns at quarters to reject boarders to, Read some in Moby Bick by Melville, awful stuff. Evening, in the cabin, WEDNESDAY 9

morning Still calm. Wout 2 oclock P.M. a faint breye carries us forward at about two knots an hour. Mt. Edge. comb in sight and drawing nearer. Fishup bryogoa, barnactes & kelp. Label roughly our voyage series. Find a species of Lacuna or Littorma on the kelp. Fire four blank quins I live solid shot. Men exercised at quarters again, am detailed by Mr. Hyde as surgeon to the Tolden Tate, being before only surgeon to the land forces on board; though actually doing all the duties. Come to anchor in the outer bay at 9 P. M. 210 ft water; two canoes & a Pilot come off. The Clara Bell & Steamer are here. Steamer arrived yesterday. Is now beached for repaired I will be off lonight at two, you of Sitka is away at sea THURSDAY 10 I will took us into the bay, Up early & find we are slowly but surely nearing the entrance to sitka Harbor. The pilot is a half breed talking Kus sian. Enter the harbor, go round among the islands & bring up before the village with dipping flags & a reciprocal eat ute of twenty one guns. The town & indians are very ugly but the islands are green & preturesque. The water is very clear and cold. The shores are mostly rocky. Col Bulkley comes aboard. Kennicott + Lewis + Chappell. Jake The dingy te. Let Harder ashore and talk with 12 K in evening.

Morning get things to gether to go out for the day, when the vice yourner is expected along side and have to rig up in uniform to recieve him with military honors after he is gone, get Pease adams Make I George Dow, and go up among the beautiful green islands and get some partidges snails a Jay a sort of thrush, a pigeon gull and numerous smaller things. Have a pleasant time and get back to supper. To bown to the Flesh house with alex I give one brace of grouse to Col. B. I the other to the captain. Weining write lellers home I to Frisco.

Today, is the Russian Sabbath, They are nearly twelve days behind the world, keeping all at-counts to by old style dates. To on shore to witness the service in the Greek lehurch. They were very singular, resembling the batholic. The church was plentifully decorated with gold & silver emboured pictures, So aboard again and come again ashore in the afternoon with Kennicott & Harder and have a long powwow with three chiefs. To afterward to the garden, the sawnill the river and along the beach & collect some Helices & er and along the beach & collect some Helices & er and along the beach & collect some Helices & er and along the beach & collect some Helices & er and along the beach & collect some Helices & er and along the beach & collect some Helices & er and along the beach & collect some Helices & er and along the beach & collect some Helices & er and along the beach & collect some Helices & er and along the beach & collect some Helices & er and along the beach & collect some Helices & er and er

Monring, It to work and clean up one of the rusting old Russian salves, to wear on inspection. It is the first inspection when Col Bulkley and the marine officers of the other wessels have been present. To with led, B. of the Captain to inspect the Clara Bell of the Steamer. Afternoon about half past hos draw up all hands to have a powwow with the two Kolosh chiefs and the Chilcat chief who was squirted on. Make them presents of give them dinner to and after they are gone of down to milton Badger Justin, see Bannister of coming back RK.

Morning After the usual series of annoy ances and delays I get off in the dingy with Ketchum and Itdams of Mr Klunicott. We go down opposite the hospital and dredge till twelve o'clock and get some good things. Come back to the tale and go ashore again taking a book of birds to To mr Lugevil for the Princess Macsutoff. To to Dr Fisher Br, To lings and about town Back and dine on board the Steamer. Board the tate tyet music, for Mr Lugevil. which leave with his servant, go to Dr Fishers + Dr. To lings again, then up to the garden, drink "fiften drops" and back to the tate with Kunnicott & the Captain in the rain.

morning. With the whaleboat, M'Crae, norton, moroe, and Davis, and fifty fathoms of line, go down the bay and dredge all the morning. Get some very fine things, among others a erab Midden under his carapax like a Chinaman under his unitrella. To back to lunch, McRoe goes off and have some little discussion as to replacing him, the boys being mostly hors du combat from last nights drunk. Back to dinner and put away most of our things. Change shoulder straps and spend most of the evening with the Captain, Cotter back, the Mountain measures 3216 flet. WEDNESDAY 16

Morning Rainy and wet. Yet together my Pacific collections and label and pack them. Kennicott comes aboard and we go on board the blara Bell and pack the Brit specimens & our own in a box for Frisco for the S.S. Stay to Unch with Capt. Sand who is a whole man. Yo back on board the Ydden Yate and get out an equipment for Id Bischoff who stays here like next year. Yet them out finally, as they are breaking out the Multon Badger along side taking her equipment for the Anadyr Expedition under Mekae Dow does not get victoria in the clava Bell. make out list of medicines

Morning. Late to breakfast. Millon Badger alongside received stones for the anady of Ex. which M' Rae commands. Dog Cooke is removed to her. 40 on shore and see Dr. Flish er about men and medicines. Come on board and meet No Bischoff and helps him off with his equipment; which is very good. 40 ashore again in the afternoon and go up to the River and collect enails. See my little squaw at the hospital. and see Indians gaffing salmon. Nor ton goes aboard the M. B. Fisher, M.D. on the late. I shall resign my position as surgeon as soon as he comes aboard. K. has the Liggie Homer to go up the Youkan in, probably.

FRIDAY 18

morning. Damp & shilly so ashore in the morning to find out about the Delors plans, but get no satisfaction and go aboard the Wright soon after & see K. Things are gloony as usual, It will be a direct interposition of divine Providence, if this Expedition ever comes to success under existing circumstances. Afternoon, 40 ashore with Copt. Occurrent to see Princess Macsutoff but she is un well & carif-receive. Capt. Proposed & onders me to take charge of the clothing dept. Spend most of the wening arranging the Llopchest & cataloguing strukday 19

morning Raining hard. Harder and the other packing up to go aboard the Millon Badger. Bannister leones a board. Make all accounts square.

Evork all the morning at cleaning out after Alex. May possibly have the room to my self after this. I don't like my present position much
but shall float with the current. Hydrophobia
is generally fatal, Clean a lot of clamshells in
the rain for the course of science. Evening talk
with Mr. Mymper the artist who goes with us.

Rainy, but soon clears up, showing a fine clear sky for a short time. No muster, br. His her course on board. 40 on shore in the course of the day to see Mr. Lugeville who sent me by Mr. Bean some Russian books and a dictionary. In the evening, taking an official envelop to Mr Ivanhoff, & the acting for. Itop at the Badger and bid the bolks (anadyrs) fare well, having a sing and a plass of wine there. Then to m. Lugwils again where I spend one of the pleasantest evenings, with singing dancing and Russian games. Hour ladies were present My birthday, all quite good looking, and I became very much interisted in a young lady, the wife of Lieutenant kilkoffsky commanding, the Russian troops here. Have

much interisted in a young lady, the wife of Lieutenant Kilkoffsky commanding the Russian troops here, Have a generally jolly time; mr. walker dances a fig. and we come aboard in the rain about two oclock this AM. Help titl seven, Rainy still. Mr. Kennicott aboard and we prepare to leave fitha, Milton Badger leaves for the anadyr River, and the blara Bell, for Victoria early in the day. Many Russian friends came down and waited a long time in the rain before full at a late how in the evening were still in Sit ka harbor.

Rese early and find the steamer getting up steam. Mr. Ivanhoff, Kräger Lugevil. andrés Lieut, Kilkopsky and others come down to see us off. We receive and return a salute of 21 guns and sail out of sitka Harbor in tow, leaving the hospitable Russians to their rainy home. Our halfbreed pilot and an ale ente Islander go with us and their bodarkie is lashed in the what boat. The day is fair with no wind but we can see the rain around Mr. Edgeeonb. See the Clara Bell in the offing in the evening.

fair and cold. mt Edge comb sunk out of sight, & a dark cloud only over where it should be; reminded of rainy Sitka. Spend most of the day in cataloguing and packing our Sitka collections. They are very fair, considering, weather, red tape, & shortness of time, &c. It it all packed as soon as I can get my notes written up I shall take up Russian again. A glow spoke in his wheel about the watch. With the captain and Whymper in the evening. Tain again at night. Every thing connected with the vessel works well, and the sea is like glass all day.

THURSDAY 24

more swell this morning. Mail a cover on to my box of specimens; direct it, and put it in my state room. Opend a good part of the morning in sketching some naked mollusca from Lithed about one, a clock the wind becoming quite fresh, the oteam ex east off the hawser and continued on her way under sall. We soon distance her, and about four in the afternoon, have to heave to, to letter catch up; which she does under steam and passes us about six. but doesnot take up the tow line. Spend the evening with Capt t Whymps, FRIDAY 25

Morning, The steamer is still for behind in the Spin and for a good part of the day keeps there. Put out of the transmer and catch a new genus, a very pretty shell. pteropodous, but only one specimers, and he dead. Spend most of the morning drawing and coloning some of the specimens obtained at Sitka. Dandypus for din ner. In the afternoon the Wright comes along side and the captain takes a whale boat and goes askow and the steamer them takes up her however again their most of the evening with the Captain.

Morning, Fair, fresh wins, and going right along in tow. Fling over my towing net but get nothing but fisheggs go below and sketch the animal and shell, of the new Pleropod that I got the other day, Get out some brawing paper from below, and grind down a broken pair of scissors so as to be as good as new. Dr. Hisher brings out a number of the smithsonian pamphlets the me have them. They will be very useful particularly the ones on the mollusea. In the evening write up or notes of sitka, The Wright lets go her hawer and cuts away to windward again, Going & knots

morning as usual on muster days raining and rough. Go to work on my notes of the fauna around and about Sitka: Hinish them up finally, and also on the new shell I got the other and which may be allied to leal carella. In the fore noon the Heamer comes alongside but won't tow, which is cowardly in them and an noying to us, Lay around loose all day and read those tribution. leactly the leak in our eabin roof.

# MONDAY 28

Moming. In sight of Ook war island, a penal settlement for dissolute and disorderly characters from the other parts of the Russian possessions. It was once colonized artificially with marmots, and the convicts are employed in pereparing skins for the R.A. Ch. The steamer gets some of her pains love and easts off the hander early in the day, and it is late in the afternoon before we get started again fairly on our course. Occupy my self in correcting the errata in woodward with pentick. Throw out the net in the morning but obtain but little. Rockbotton, 22 path

morning. Land in Right. Islands and part of the peninsula of Aliaska. Have no trouble with the old teakettle
today. Large numbers of gellyfish going by, of three or
four species. Obtain more pteropode of the genus limacina
and have both nets over the side. Take a sketch of
a curious rock off our starboard quarter. I reen atwork on the dissel Horner which has been sheathed & coppered to resist ice. and strengthened inside. In the after
moon see a shoal of killers, a sort of whale and also
a brown seal quite near the vessel. a beautiful day &
a most magnificent einset. Spend the evening with the Capt.
WEDNESDAY 30

morning, Toward noon enter the passage between aliaska and the islands, and pass by the most beautiful seenery imaginable. Pass Ivanovs Point or Cape, named after Mr. Ivanov, of Sitka. The country is broken into rough sharp peaks, many of which are covered with snow and ice. Make into bringa Harbor where there is a deserted house and coil seam uncovered on the face of the cliffs. 90 on shore mount the highest peak, coming down meet the ColoB. It, and go on board the Wright to supper afterward again ashore for possil wood, and return late

Morning, Make the post waistboat and with a crew of first men take soundings in diagonals of four miles in light across the mouth of the harbor. The sea bottom is har and almost carpeted with rechini, I saw in & fathoms of water actimias eight to ten inches in diameter. Back to lunch where we have a small party, most of them being on shore. Take Cotter ashore and go over another diagonal, and dredge a little; get some good things. Recall is made and returning are ordered back for the boatswain who is on the sand spail of the Hay slack after some delay get under weigh, and are towed out of the lay slacks.

Roused at 5.30 by the falling of the howser over the side, caused by bushing of the vessel. To moteck and see to the positive of the scientific "duds" and have them safely stowed. The steamer cast-off in the night and is out of sight and hearing. About nine make the discovery of a long reef on our lee bow all hands have a tough time for an hour in wearing of and we make a marrow escape from wreck. Thick fog, and heavy sea. Make soundings in the afternoon of 45 65, 143, 90, and 170 fath, and bring up live animals in the grabber everytime. Fire a quin every half hourfor the cleamer. Lay to from five oclock in the afternoon till 102M.

morning, Misty, rainy, and disagreeable. Gounding in the night brought up a Hipponyx & some worms, from 140 fath. sand. No signs of the steamer. Going about a knot an hour, or less with all sail set. Feel a little growity from continual hazing, but it works off quietly after a while. Morning, draw some of the mollisks obtained at ounga Narbor and color them in the course of the afternoon. Look over the S. I. pampohlete reed from Dr. Fisher. Evening, Write, and have a meeting of the Inchriate Club. This world is all a fleeting about for many delusion given, Ye. Vive la Science

Morning, fair and cold, a relief from the constant driggle of the last two days. Spend most of the morning preparing for muster. At muster the first since we left Sitka) The standing orders are read of both the land and marine service. Dr. Fisher goes the rounds. Afternoon, read and color up the rest of my bringa collections. Land in sight all day till hid by mists in the afternoon. Head wind obliges us to keep a tacking and though within thirty miles of the pass we shall not reach it to day.

Morning fair and cold. Wind contrary, and strong. Ounimar passage in plain sight about seven miles off, but with no pass pect for us to pass through today. After beating back and porth for half the day we cast anchor opposite a rocky point and waited for a change, catching codfish halibut to meanwhile. Coast rocky and desolate, high peaks with large snow-patches are visible. In the after non the wind dies away and about & p. n. we set oail and weigh anchor to get away from the dangerous vicinity of land, though the wind preshins again. A beautiful calm morning but the day passes

a beautiful calm morning but the day passes in beating slowly a pew niles mearer the pass. a pair of singularly contrasted peaks to the eastward. One Sheshaldenski, a calm, snow silvered, gracebulcone smoking. The other Isanotski not so high but riven from Top to bottom, black, jagged, and a very abomination of desolation in its seared, craqqy, peaks. Toward evening, we beat well up into the pass, but the current carries us back, when the tide turns. Have one of my keds arranged to pack specimens in.

# WEDNESDAY 6

knoming about eight o'clock have squessed tho's
the passage and see land once more astern.
The spectre schooner which has been dodging
us for the past two days is now near us
about noon she bears down on us and the
Captain wards her, she proves to be as suppossed, the Milton Badger, all well on board,
Harder with a touch of squaw fever "oward even
ing a fine breeze springs up and we go along
about 8 knots. Evening with the Captain

Inorning, a fine brisk wind, blowing toward St. Pauls Island, but the welsel pitches a good deal. Change the dryers of the plants obtained at Ounga Peland and find them rather to my surprise in good condition. Get a pair of large presses from Mr. Hyde. The water comes over the bows today in a stream; for the first time since we left home. Mr. Hyde has finished his chart of Dunga Island, Coal Harbor; but it is not quite correct. Talk with Captain S. on matters and things, and read Woodward in evening.

FRIDAY 8

morning. Rolling away at a great rate, but going findly or our course making nearly ten knots at one time. Look over Capet Kardins chart of Ounga, and also Col. Trydes and find errors in both particularly the last named. Make a drawing of an out time chart of the harbor which I will finish up at my leisure when the rotling will permit. Try to read but can't with confort; turn in larly but have to keep a wake all night holding my self into my brunk

# SATURDAY 9

Morning, Rolling like all passessed. Called on deck to see if my things are all o; k. and find them so. Wind blowing a gale all day. "Hove to and with maintopsail half reefed alone. Some ings give 19 fathroms, soft sandy mud., "We are nearly off Cape Romansoff. But four plugs of Tobacco with Enris that Monday night 12. Ands us at our destination. Pretty close but five miles an how with fair winds will find as there. Evening, with Whymper in cabin.

Morning, rainy and wet as usual. Hy round to getthings in order for mexpection. Clears off about deven though the decks are very wet. Row about the question as to whether a plug of to bacco is a plug of tobacco or only a quarter of a plug. Set to work and make a chart of Coal Harbor, ounga Island, for Capt. Scammon. Mr. Black helps. Evening, Yalk over matters and things with him. Wind fair and faint. Talk with Dr. Hisher, make corrections in my chart, and turn in.

Moning. Winds light and variable. Start early in the morning to eoppy my Ounga chart again. I work most of the day at it and nearly complete it. add a small esching in pen and ink of the harbor seen from the house. It looks quite well. It is quite evident that I shall lose my bet on our arrival at Redoubt Saint Michaels only however on account of the light wind yesterday. Constant soundings are kept up on board, and the water is very shallow. The soundings only average about 10 fath.

THESDAY 12

morning. Land in sight but on account of not having any observation for the last two cloudy days are not quite sure of what it is. Box up the fassil wood from Dunga Island, and make ready to close the other box of specimens from that and other localities. Capt. Scamman wishes me to paint the Union for a Revenue Jack and I sketch out the eagle in crayon. Toward evening, sight Stuat and It michaels Islands, and land in many directions. Make ready to anchor and five a gum.

In eight of the island of It. Michaels. Long low, of unpromising. The hills on the apposite shore are some what numerous and are mostly quiescent volcances no steamer in sight and our hearts sank within us but our fortbodings are soon dispelled by the sight of R. K. in a boat with some Indians. The steamer has passed on to Hantley harbor and Plover bay & left R. Denison & Bendeleben to take command of the R. M. The redoubt is a strong log house square with x. The redoubt is a strong log house square with six quies in small blockhouses. Yospodar Lepanov commander THURSDAY 14.

Anna Andreavna of Silka Keeps house for the Commander. Have venison, duckd, salmon berries and Samovar tea for grub. The reindeer meaf is very

mander. Have venison, ducks, Ralmon berries and Samovar tea for grub. The reindeer meat is very good. Get to work on the steamer and find her adiff having cut her chain. Rains hard. Cotter to Jay Chappel 90 with K. Get a Russian bath with Charley Pease in the afternoon, This pleasant and renovating. Take notes for guidance next winter. Heep on floor in Ks room on reindeer skins with a rabbit skin Manket. Very tired

FRIDAY 15

Let on board the barque early, I take out a small SCD. Equipment for myself. All the rest will be left with Bannister. Work hard all morning to on shore to dinner. Dannied ass have has left the exhaust pripe of the Liggie Homer on board the Clara Bell. Now to replace it. K gets a large lot of deficiencies from Capt. S. Walker trimbles all the arms I cartidges I horian grods into the bay but they are reserved with damage. To abour with K. per orders, consult with Capt Scammon I ashore again in the bringy. Turn in with Charley Pease in Ko room I be do.

morning, Up early and go to breakfast with the rest. After breakfast go about making myself as useful as eircumstances permit, let my require letters to Walker +18 airo. Act as one of a board of ourvey on the damaged goods. with Wright, slover, + ennis. Resolutions to lapt. Scammon and read + replies to, and some advice from Dr. Fisher to aboard with K. + the Capt, Lend books off to Bannister, bid all good bye, get my things aboard and bid my bear brother in arms Robert Kennicott good speed. Anchor low down in the bay all night.

Beautiful clear sunshing day, Pailing Slowly away from It. Michaels at about 2 knots an hour Pointing every half hour, Black clayey mud with a yoldia like limatula. No inspection or muster. Work nearly all day arranging my 8 Cl, outfit under cover. Pack up the ounga plants and label them. Mere were 15 species. We go to Emma Harbor sounding all the way to see it a cable may be laid on this shallow sea value. Evening, Write up notes + take notes on Coundings. The day has passed so quietty that it seems like the real article.

Morning blowing a gale from the south west. Wind decreasing but barometer going down. Turn in and read Phillips Metaturgy, which is a very good lixt book on the subject. After lunch start on a chart of the sea between michaelorsky between and Emma Harbor. Our flour, potatoes, butter, onions, and molasses are now nearly gone. We are gradually coming down to a diet of salt pork, beef, coffee, lea, hard tack and pickles, all except the bis cuit of very poor quality, which makes it worse. Write in the evening.

morning. Light winds and variable. The carpenter sets to work on a chest for the two odd cans I have with me. Get a number of interesting specimens of Holothu rians and ascidians, probably of the genus Pelonea. Let to work cataloguing the alcoholic specimens on hand preparatory to putting them in the keg. Hinish this and look up some mollusks. A little bird Ageothus linaria, lights on the rail for a short time. Saw the ne point of St. Kawrence Island this morning. Ne were just half way to Emma Harbor at noon. Capt Seam mon not very well. K. Camied off the sail to the dingy.

morning. Cold and windy, wind dead ahead. Motimus encouraging in the prospect. Run down to the east of It howrence below before the wind and as a consequence rolly like thunder. To below and read up in Danas mineralogy. The angular system is not so difficult to comprehend as one would suppose. In the afternoon, set to and write a long letter to father I must write up some of my letters or e) shall have a trush got when we get back. Capt I cannon not so well as he has been. Bottom so far has been all one soft clayer sandy much.

Say clear and colo. SE point of St. Lawrence Island in sight. Set to work at a chart of part of Behring Sea extending from It Michaels Morton bound across to Emma Harrow, including It Lawrence Island and north two degrees so as to include the ground over which we have been some ding and to show its adaptability to be a base for a cable. Get it nearly done, write some long letters and read the account of the melancholy death of Behring the great to plover of this region who died of seurney on one of the Aleutian Islands. Pass Sw Cape about I oclock and stur Straight for Emma Harbor which we shall probably reach tomore

Morning, wind brick but weather thick of misty the capes of Ischutchnic Mose, at the opening of Blover Bay are just visible through the for Bourd that the weather is so thick of the wind britishing that the vessel is kept of for bally and me go off in a for routing like blacks. Turning ready are about read a little and slup a little wind blacks. Turning ready are about title rest do rough that one can't read write sill claudor lie down with any king of winfort, of a continues. SATURDAY 23

Some as Mester day only more 30. Keep a doft ling to the SW and are about 80 miles away from view port which is excessively discouraging as we were within an hour sail of it yester day morning. Make myself a cape out of besum rat a kind of much vat, flammed and an of a felt hat. Succeed girli well. Break down our table with volling and eat hines in our laps. Clean off and about some what howards evening. Spend a good part of the day in the cabin with Eapt. Scammon.

Morning Clear and pleasant, Wind dead ahead.
No muster . Spens out the morning painting the union for a revenue eneign, the largest ever raised on this east, spens part of the afternoon timing my mittens with while forokin which is the meanest four o ever saw. Yet hold of the Virginians, and read part of the after noon. Throwover my net but catch only small constaceurs, and the monted feathers of the gigantic fulmar. In the evening write and study a hittle on the Yelegraph alphabet, worse than Russian.

Monning, Headlands of the barest and bleakest, with a sprukling of snow to ragged to hide their naked ruggedness. Tome doubt as to which is the entrance to the Plover Bay where moore writered in the ship that bears that name, Longitude settles it finally. we go beating in against an icy wind, which blows out of the very throat of the Bay. In the afternoon sky a hermaphroode ong and a steamer probably the wright in the ME Harbor. Esend most of the evening making out the vessels course to the 18 mg

from Norton Some, Read the Viva in and Hited,

Start early in the morning to brake our way up the Harbor make eleven tacke, all hands helping and finally fetch up just above the steamer in the lower harbor. It is protected by a long low sand spit and has 25 fms water, mid & clus bottom. Tood holding ground. I wo hidran settlements, one on the spil and one on the opposite side of the bay near the mouth The brigg is the Victoria of Honolulu, Capt. Fish. I board her. and find she is a trader + withaler and goest in a day or two. Yet a list and account of the vessels including the Harvest. Honolow bunt t bonded by the Thenandoah pivale. Palmetto has eailed for Horisco gesterday afternoon after filling up the wright with coal. Stamer sailed in P. M. 27. WEDNESDAY 27

In the morning go ashore to the watering place with Capt. Scammon. Pass through a defile in the mountains to a watercourse and large fresh water lake nearly level with the sea from wh. it is separated only by a low sand or shingle bar. Every Thing is broken rock with out a trace of soil. Lee Crows, Neinder and Josh, probably trout. Come back and get a number of things from the orotto of the kelp on shore inchiding a new timicate. A crypidula, large whelk, faxicaro Junna, te. Hyde comes down, by order of Col. B. into the ward tribe. In to get a seals head from him. and see about the whole THURSDAY, SEPTEMBER 28, 1865.

morning. Monng Walnus Nocumis son of two years old, is aboard early in the morning. To ashore with Capl Seam mon and get a large number of specimens, including three skulls of Eskimo dogs. Can do nothing with the Whall's head. Nocum's real name is Norman Walker, but they call him (hocum for short. Their summer houses are made of walnes skins, The winder ones of their with a walnus hide roof, and whales home for supports. Come aboard in his boat, get lunch, and again, ashare, get masses and about with col! Hyde, Evening by to get the collect trans of the Day into some kind of order. Luite tired.

Morning, all the Eskimo & their families on board. Let a good supply of reindeer meat a pair of home and the thorax and Tupkers of an old hav real. Kedge out a the way and remain till afternoon. Black moves into · Movers room and I set to work Ifixing up own room putting in some shelves, racks for brushes, maps to, and make my berth some six inches narrower, by taking out a slat and moving the side woard. Work till late at night getting every thing ready for a gale which is evidently setting in. at four take our departure.

Kan about 10 knots all night making about one hundred and eighty miles travel since four o'clock yesterday. A heavy snow storm sets in and the awring is put up. Write most of the day, write to want ma Dall and Ellen Wilde. Get some stationery from It, Wright. There is some mystery as to our destination which I should judge from appearances and the vessels course to be either Petropaulek or Japan. Captain Jeanmon sels me to work at a reconnais ance chart of Flover Bay made by Captain Kadin

Morning. Fair and mild. Our port I have decided in of our course to, is Petropolook. The day being fair we have all prepared for it. But at work on the chart of Plover Bay, and euromoings, for Captain Scammon from the exetch hy Capt Kadin and marry finish it working with Black all the afternoon. Have a wonterful dinner, venion eranberry, com thomatous. Evening, Talk over report to with the eaptain, and insist on the right of addressing it directly to Col. Bulkley which is finally concepted on condition that it first pass through his hands. night clear.

Burtons, a pleasantly told, about story of England of australia. Yet the seal set up and spend all the moming hacking the bones out of the mass of fat of their Afternoon set at chart of Plover Bay and finish it. Have a slight diarrhoed which remedy by a little port wine and brandy. Evening talk with Capt Scam mon and Whympser, and attend a midnight feast of the F.H.I. on loboter salad. Hyde is getting run considerable on his assumed morality. There is more nastiness and cusing floating round loose, than any time since we started.

Morning. Dull and rainy. Vessel pitching heavily and a great scramble for grub. Isend mast of the day in making copies in my own mapbook of the Reconnaissance of Coal Harbor, oring a Leland, and of our enlarged sketch of Plover Bay. for future reference Finished up my little chart of "Cumucil" and lay down our courses hitherto, Deck Leaking about a pint an hour into my rubber blanket which by great good for time I have with me. Toward evening the wind changes and the wessels motion becomes less disagreeable.

Moning, clearer and pleasanter than yesterday,
But little wind, and we are beating about
with out making much headway- Pack the
larger objects in alcohol in the keg prepared
by leapt seammon and turn the rest into
the cane. Write up list-of collections and Ban
mioters notes in Coal Harber strata, as well as
my own. Evening write to Prof. Baird t
finish up to departure from U. MichaeloMy improvement in the weather-

Morning Rolling as bad as ever, and spend the greater part of my break fast dinner of lunch upon my clothes and the floor of table our side being, the see side. I pend nearly all day with Black in the forward cabin drawing charts of avachinshaia Bay and Petropavlovsk Harbords where we are bound. Play checkers with Black and as usual get wofully beaten, in the evening continue my letter to Profesor Baird, and similar other small matters. We are nearly half way to our destination and have been as for several days. The steamers gone to anadyr.

morning, blear and fine. Polling badly. To on with my charte and finish Petropaulovsk. Mapout on a fine chart of of the N. Pacific, the courses of the Golden Gate from the time she left Pan Firancisco up to today of get through although the ships pitching makes it rather tickleish work, Find a map of the Island of Guam which turns out to be one of the Ladrones, and has several good sized towns in it. Make a tracing of it and begin to transfer it to my mapbook. Hoist a new main topgallant sail, in the P.M. Wind goes down somewhat.

Morning clear and fair. Wind a good deal gone down Finish up my map of Guam Island which looks very well. Set at, an eagle for the union of a boat flag. Work in the forward cabin with Black all the morning, Issue soak to the men. Pulthe seals bones into a halfbarrel, Pack up the plants from bringa & Plover Baig and nail them up. Write up my slop chest accounts in the evening and collecting my receipts. Get a powder keg and some small boxes for packing specimens. Read Collins book on the overl. I.

SUNDAY 8

Morning rough and rolling again, This kind of weather is mearly played out. No muster on account of the insettled state of things, write a long letter to Dr. Jorney; one to Temple Prime, speaking of the Proceedings or Journal of the New York Lycelin. Finish up my letter to Miss langford, Read bellins book which is the greatest mess of conceit & balderdash that I ever daw. He seems to have his eyes a good deal more on the shape of the women than that of the country and is an execure rather in wines than an accurate observer of physical geography.

morning more rolling, It is growing monotonas. Opend heady all day in writing a long letter to the . C. Walker at Chicago and the I situation. Himsh up a lot of partially written letters to having got Barro, Torreys and walkers one I feel as if I could dreathe. Course about Shy west 's west, gut through some 40 miles in the own. Write all the eneming in the forward eatin. Prospect of bring some time at Petropar worsh if we ever get there. Evening rolls worse

Morning fair and beautiful. Dast might we had a fair wind that carried us along at the rate of 8 knots are how. paretty fair for the old tate. This morning it has nearly dead away again, leaving us in a nearly dead calm. Paint the continuations of the lagle for the flag that got burnt of the first time, I poil the small wood flag on account of bad paint. Write to Mrs Kinnicott and aunt Sarah. Write all the even ing in the forward cabin. Look over Whympso dredwings te.

Morning fair and clear. This on the starboard tack so that it is a free fight with all kinds of valancing to get any grub. We are some two hundred and forty miles from our port with gales and head winds as thick as mud. Get a sight of the snow eover beak of copper or Behring Island. It very unusual thing to fee land so far off, plainly with the Maked eye. Write to Prof. Dana, Prof. Casein, Dr. Bryant and Lisgie Merriam 4th tired of writing and read coopers lerater in the evening, a very stupid satire out of which time has plucked all the smartness and besides that, disproved the authors position THURSDAY 12

Morning. Fair and clear. The usual head winds, but on the other lack greatly to our comfort. Write up, old pencil entries in my diary. Write to miss cleveland, feel a little unwer and heartily sick of beating about to no purpose as we are now doing. It is rough, to have in addition to the hardships of such a cruise, to have to stand alone the derision and unconcealed contempt of my companions. So help me God, will put my self one day, where seich vernin as they are, will not be worth trampling under my feel!

Morning fair and clear. Little wind but a heavy sea and the vessel pitching tremendously. It does seem as if we would never get to Petropaulovek. Write eys the pencil notes of the early part of this diary and finally finish them. Caught Dr Fisher musping books out of my own and Ylouvers rooms, and when inquired for, the immaculate gentleman gives no sign. Read a good deal in the "Ichonberg Cotta Family", and like it venymuch Toward night a good breeze springs up, and at none o'dock at night we have a fair elevent knot bry SATURDAY 14

Morning, The breeze of last night died away about midnight and we are here rolling in a dead eath with a clear sky and pleasant day, and the

snow clad peaks of Kamehatka in plain view.
We are about ninty miles from the Bay of avateba Paint nearly all of the ander side of the unfortunate union for our Revenue Ensign, which had its tail bent of Pack up all my brottles which the Doctor had stolen and put the chest amidships. Pack the preserve bottles on deck and finish the flag, general cleaning up, as we are going into post we hope very soon.

Morning work into the Avalcha Bay and run up by the spit which forms Petropavlovek. narrowly sharing the shoot. Mentro Farmsfield, Coles, Henter, and Fluger, come aboard the barque in a whale-boat, and are invited down into the cabin and entertained There. Muster at 2. Yo ashore in the afternoon and visit lapt Hunter, her Fluger and her Pierce, and visit the battleground and turn over some shot and shell still laying about. The town is fast Galling into decay, and the public establishment is already removed, The trade is principally in burs. Come aboard with Day

Morning. Cloudy with squalle. Make ready on board to receive visitore from on shore, Go ashore, with Smith, Whymper 45 Glover. To up to Mr. Fromefield, and them go off leaving I mith at Mr. Flugers. Have Nortone rubber Nools, and wade about in the small lake ofter mussels but don't find any. To round the hill with Smith and discover three species of Helix, one Nitrina, four, beettles, and going back obtain one perfect and several large broken andows Bark Behring leaves for San Francisco and will take our mail lunch at Flugers, get salmon teoppers from Hrone field, as board with Glover. Barque drags, Wind Morning a live gale, Two anchos out.

Morning at first cloudy but calm, apterward very clear to ashore with Whymper, I mith and the Doctor, dook at the la Pérouse monument, and go around the beach from the point round the little harbor and spit and down the other side. The barque is towed by the boats up to a safe auchorage under the lee of the point. leollect on the summy north bank apparently the same helices to that abound in New England. Helix harpa, pura, striatella, Vitrina pellucida, Tua hetrica, Pupa simplex, to. May Doctor, tild, to are going to the warm I prings but I shall not go, to be an intruder, although I can, by saying oo. Come aboord at 4. leapt 3. goes ashore, Row with men from the Behring in England.

Morning clear and cold a heavy hoar prostfell last night and the surface of the water in the Bay is covered with their ploating to ice. Bark Behring hauls out into the stream and the schomer with 4 officers of two men goes, out Spend nearly all day in collecting beettes of Linal land shells, on the surry worth bank, Why mper gets a very fine specimen of Cynthia from the beach yel alive. All hands on a queval drunk ashore, Captain ashore Morning, calm but cloudy, Prepare to go ashore in uniform but Capt. Scammon informs me that some ladies are to come aboard, to lunch with him and advises me to wait and see them, which I do and am introduced to the Port-Captain, civil for crnor, doctor, pastmaster and a Coseack officer & two ladies. Whey must me to visit them very pressingly. Come & the nest hardy over his drunk, Pearce invites me to go to avatcha in his boats & obtain permission from Capt. S. Whymper painto me the Guithia & Yea Down brings into a murcher of fine trout, Yo ashore with Papt in a brings into a murcher of fine trout, Yo ashore with Papt in a

Morning clear and fine. Steamer Geo. S. Wright comes in from anadyr. Get every thing ready to go in the gig about ten oclock to ask leavest absence to go to avatcha, in Mr. Pierces boat. Col, Bulkley, consents, and leaving in a whate boat at eleven arrive at avatcha at one and are quarteres at Nicolai's. One boat goes back and the other proceeds with goods up the river. Go part way up in it and return. The on the floor on my blankels of some hay very well. I mith with mith me and we well furnished withous.

ucceed in shooting him. After breakfast of envist errans, that and hard bread, we start over the bay in a dug out with alexander alexis to yagget oremise or berry point where shells are said to be thick. To up and down the spoint and get a good many to up by the branches in the delta and huith shoots six or eight senous, teal, blue wing and widgeon also a whistler. Reach home at about six on any good appetite + supper.

Moning very cold and clear, several parts of the bay prosen over. See millions of gulls and hair sed ready for migrating. land get boat or shot to go ducking and stroll about collecting. Let many shells. Have ducks for dinner t alexis t family go haying. Spend most of the after-norm footney with Matron a the fear of Misolai Mot being before our eyes, at five the whole boat returns and we sail for Petro-pawlovsk with a had wind and arrive about eight, having had a good time In the wining write up diany and skin an owl.

Morning clear and fine. Kill a sheep. To ashore after breakfast with Whymper, Capet. Seammon and col. Bulkley and call at the Port captains, the Your ernor of Kam chatka, the Doctor, the Post master + his pretty wife, and Mr. Pearce. To abour to Serra glaskie with Capet. S. the Col, and Mr. Hunter. The walk was pleasant and we were received with milk, berries, tea to by the Cossack woman. All the men are sailors + away. Return and skin the gull in the weining a very nasty job. Capet. ashore.

Morning, ask and receive permission to go ashore on a collecting tour. The Col. has shut down on our indiscriminate going ashore on Nydes & others account as they were fast wearing out our welcome for us, start over the hill and notwith standing the predicte ons of Mesoboshoi and Coall, reach the large lake east of the town in about two hours, eat a lunch of hardtack & raisins there and return in about the same time. The Total distance is about 12 miles Evening, all the officers invited to the Port captains tomorow

Morning, 40 ashore about cleven. 40 back for my glasses and find some fine medusae on the shore, To up to the Port Captam Cykmevou's, and remain tell three in the after noon; at dinner take in Madame Priestess. 40 down to Thlugers in afternoon and arrange about the equincel skin Han Ket, "Up to the Port laptains again, about seven, and remain during the evening. I make about twenty Paperouses and finally under urgent persuasion from Madame, dance two or three quadrilles with Russian ladies. The the daughter of Mr. Heleber whose son goes to Jan Francisco with us, a madame Cymkeron THURSDAY 26 one with the past masters wife. The is a Kamehadab very pretty and the most pleapaut lady in the room. Take her into dinner at midnight and sit at the head of the table opposite Capt. Seammen & the tady of the conpaine of Ramchatka and next to tol. Bulkley. Have Russian and English songs and return about 3 2 AM. Theep tell 8. To ashore with Whymper & leave my photo at the Portlaple. To up on the battle hill and then abourd. In the afternoon so with Bricktop & get two therty two pound solid shot remaining since the battle aug 16. 1854 O.S. Skating Evening; packing up some of my specimene to be mady for the excursion to fly warm springs tomorrow.

Col. runwell. Called up early in the morning by Papet:

Ceanmon and receive instructions to remain about all
day; which is rowing of cloudy. I end a note by wright to
the Post masters wife, who goes on the excursion; which
elasts about half past ten. I teamer with ladies on board
of others from the town go round the harbor, return about two
o'clock and starts off again. finally returning about seven P.M.
Compast to be able to go. but the weather is nasly. Read in
Abboto Mapoleon, and get permission to go ashore for all night
but do not, on account of Davisons insoluce for which I pay him

Russian Sunday To ashore early in the morning to church with smith, stopping first at Ma, Reflugers, but find the service almost over. See Madame Baishov, there. After service go again up to Pflugers, hunch there go down to the spit with him and returning so into Mr. Pierces where I dive. To skating in the afternoon to our to the Pspravnike house where we pass a very please and then with all hands down to the Pspravnike house where we pass a very please and evening, cards, dancing, refreshments, and so forth, Dance about a dozen quadrilles, one or two with the Post, Masters wife, and take her in to Jimer. Capt.

Scammon returns early after dinner, but I remain till all is over. They dance the Nasmurka and I ottend madam B, home in spile of our Cossack friend. Return on bravo the Tate about 5 o'clock AM. and turn in till about tin. After lunch go ashore and with Smith, Morton and Pfluger dine at the Ispravniks. Walk out and meet Hyde of Muller and go up to the P. Ms. Ipend an hour and a half there and there we with them to Mr. Sutkevois where the Col. of Capit, soon arrive and I go about with them and write home to folks in victoria as the steamer of Whymper leave tomorrow.

Morning am notified to occupy Whympers rooms and le born is to take nime; have it altered so that norten the extension and he finally is ordered back anto the steamer. I am very sorry to have to move to the won't and to my parper harity. I pend most of the day which is rainy and snowy, in getting ready for the change, Leborne is finally ordered back to the steamer, and young thetefor will go with us to Can Francisco. Pack up Petro pavlovsk collections, and sit-with Capt that in the wening, sur Phfluger cames abourd.

morning. The steamer got under way at about 120 · clock and steamed round and out of the harbor, after lunch go ashore with Inuth, buy a looking glass, and go up to Hunters and take a little lunch Then down to Mr. Pierces where I get a Tournoon pipe some slippers and a pair of books as curios. Youps to Madam Baishofs with a box of wine and Mr Coles, who presents it as from the officers of the wardroom

Down to the Cympevou's and tear my-self away to dress at Peirces after which I return and accompany them to the llenpartick's where we have a pleasant WEDNESDAY, NOVEMBER 1

evening party, Sables for cardo and a few dances Pass a pleasant evening flirting with Mesdames Cymrevon and Baimowe, To home with the latter and sleep at Mr. Peirces. Up about nine, Up to Hunters and to Madam lymkevous about eleven and the signal gun being fired hastely bid all good bye and get aboard, Young Helcher comes aboard and me get up anchors and drop outside The smaller har bor, in the Bay, about five o'clock, we shall probably get out tomorrow, a beautiful mon light mening. THURSDAY 2

Last night may turn out to be one of the huming points of my life. I discussed with the Capt, ounga Island and the Conenfilia. Day cloudy, froggy calm with puffs of wind. Get some chelves put up in my room and get all my things out of nortons room. Pack the scientific collections and the after locker. Begins to plaw favorably but soon changes to S.E. To to the spit with the Capt. thyde and the Doctor and take a gloss of tea with The Sopravnik, Repet, Sutheri and their ladies, miss Fletcher and the postmistress, Muller and Fluger, who have pitched a tent there and have a samovar under full head of steam. 40 aboard leaving the rest to spend the night ashore. a heavy How! FRIDAY, NOVEMBER 3, 1865.

Morning, slight breeze. Cloudy & snowing. Capt. comes aboard early. Doctor, Ayde & Radin, soon after. Had a pleasant time. Examine my alcoholic collection, catalogue and rabel them and get all stowed away. Hart about eleven oclock and with a fair wind, leave avatcha Bay for San Francisco via Victoria. Every thing looks like settling down to our old seatife for a month or soafternoon commence my report for the year past Malk with Capt. Seammon of the probability of a war with England on the alabama question, hope that it may be settled with monor twithout war Far away from Petropaulovsk. With a favorable gale, we are making a splended nind. All hands a little sick even Mr. Davison. The weather is rough and disagricable. Le how most of the day, & have very little appetite for denner, work a little on my report and learn that B, wanted to make me fliet supgeon; an office which I most decided by should not have accepted. The power is left, with Capt. Scammon to

do pretty much as he pleases in Col. 12s, absence

Last night pretty much every thing betche away, that could including my bottle of ink! for which I am sincerely sorry as it was all the decent ink aboard, Jonny Hletcher is pretty sick, every one else is a dettle stimed up. Rough weather continues and ran and hail-May chequers with Black and beat him for the first time. Soft tack for the last time in the word room, the first time for a month, . Turn in early on account of the weather.

Morning, The fair wind in which we have been reporting has died away leaving a heaving of the old vessel supervener. Write up my report finish the rough draught and commence on a final copy. Itar Pollock nearly pois one the whole of us with ercosote which he has been reck lessly heaving about, Hels a blowing up from all hands fore & aft. Yalk late in to the evening with the laptain about plans for the futilire.

Morning, Wind freshing up again and we go rolling along about eight-knots an hour. Timish my report and copy it. Write most of the day, Vessel rolling very badly. Lon. 169, 38, noon, Must now finish report to Prof. Baird, and Leo, le Walker, write a few letters, make out estimates for Ounga, and copy up my fists of specimens and notes at Petro partorok We are to lay in the stream near Meiggs Wharf at Pan Francisco and board on board.

Morning. Head wind, vessel spitching heavily. Finish report, land, add the dimensions of the narka or Kam schadale sledge and their snow shoes which are of the norvegious patterns. Write on eopy of my notes, nearly all day. Young Fletcher, our Russian, is so aris to cratic that he would rather go cold than wear blue shirts, because the sailors do, although those officed to him were some the captain would have spared out of his own wardrobes borhis accommodations. Read abbotts Napolem and turn in early.

Morning, ald Gate unithing, twisting, pitching and rolling, as usual in a heavy sla and strong wind; which last is fortunately fair. Write up my diary and copy out my report, into it. Open my reports to No. Walker of Chicago, Prof. Boird, and Dr. Forrey, and prepare to continue them. On duck a good part of the afternoon to Dr. Fisher gives me some rhubarb and magnetia, for the diarrhoed, which by the way are capsized the same might in the racking about of the vessel. In the warrows a good part of the evening, and also with the captain

Morning. Fair wind, rolling as usual. Write all day, Finish letter to Prof. Baird, and commence copying my report, for him, again. Rains hard much of the day, Finish abouts life of Napoleon. I think he makes out a pretty good case but I must say I think the divorce of I osephine the least of his mistakes. Work at Russian in the evening. To far, it seems, (the grammar to be simple enough, but the changes in the terminations of the verbs are puzzling. Ochot and Huger our two Eskims dogs make an anusing display of their jealousy toward each other, today, SATURDAY 11

Cross the meridian of 180, and break orders which show that we are to go direct to San Francisco, and give Capt. I cammon power to dismiss officers and men for intemperate or bad conduct. Write to Prof Jos. Henry, enclosing a copy of may report to Col. But-kly. Write with Black all day. Evening, continue my Russian. I think that this business of the terminations, though puggling on account of the great number of their great number. Our fair wind bies uway in the oftenoon, Doctor comes down in the evening and gets the cold shoulder—

Morning, looks equally, but expect a fair wind. White about half an hour before muster and in the afternoon. White to Mr. lollyer, and close letters to Paird, Tomey, Walker and Prof. Henry. Have a fair inspection. Dr. 7, and Field had a spree last night on Pierces rum, and consequently our inmaculate M.D. is unable to appear from, indisposition! and old Q.M. can hardly stand straight enoughts pass muster. Glover is getting well which is a pretty good note on the Dector. White Russian in the evening in the after eatin, Rolling a good deal.

Morning Blowing hard from east-by north which is precipally out course. Through out the day blows harder. By eleven S.M. the wind has increased to a perfect gale which shifts suddenly to the North last, Breaks a-bout 2 octock R.M. in the following night, that a letter to Stimpson but have to leave of on account of the gale. Nicolai perts his head through four panes of glass in the wardroom hatch. Turn in in afternoon and early in the morning wind she's away.

Morning fine and cold, Noon raining and squally. Write most of the day. Heavy sea remains from yesterdays gale. Finish Stimpsons letter and write to Mill anne Newman. Old Doctor on another spree. He can punish as much rum as any man I ever saw. In the evening talk with the Captabout Junga Island and seratch away at some estimates. To to Conlin for some information which he is unable to give which does not speak well for the intelligence of the lompanys Chief Carpenter.

Morning, rolling badly. Work on lumber estimates for Dunga, including Storehouse. Coal shed, tramway 1500 ft. long, double; wharf or getty 30 feet long, roofing and siding for 200 ft. of gallery: total about 40, h. Work on these all day, with Black on the Report A number of ealls for clothing, supplies to, from the men. Capt Scammon not quite well, Doctor tisher makes me a present of some arsenical paste t abox Write all the Evening, on the Russian Trammar. Finish the nouns. The rules are very clear t distinct

Morning light winds but split-both royals in the breeze last hight. Have them down to mend. Write all the morning and most of the afternoon on the estimate of provisions and hardware for Ounga. They mount up regularly, very high but it is an unheard of thing for a mine to repay all outlays to on it in the three or four first months of working. Talk with the Captain in the evening and write up my accounts in the slop chest book and also post up my diany.

# FRIDAY 17

Morning. Senddind before a gale which promisesto be the heaviest yet; under lower main topsail, foroait, lower forctops sail, and fore top mast staysail. Decks and upper astin plooded with water. at 12 octock, we have made by dear reskoning 212 miles since 12 octock yesterday. Sea continues to be come higher, and at night. The gale is at its height. We have been making an average of elever knows an how today. Turn in early for a long an sluggless night. The seas breaking over my hear an otherway morning, gale some what abated but the seastill raging! Itore the gig and carried it away bast right. Itore a hole through the starboard butwark. I was sweeps the decks pletty thoroughly I find my note books, diary and so an soaking wet, from the leaks in the cabin roof we have made 280, miles since twelve yesterday, another long leg on our way to Frisco, Caplair Seammer with one of his bilious attacks, uswell again, I win in early and pass an uncompostable night

Mostly a repetition of yesterday. The cabin was flooded again and those papers remaining in the port room, were soaked, and the windower and Capt. Kadin gets a bath all over. No muster or inspection to day. Some out occasionally. Captain Leammon is better, but doesn't rise during the day under treatment. My writing is terribly behind hand. Busy with the men in the afternoon. Spend a good part of the day in the ward-room and with drith and Hyge \_ 195 miles made since 12 velock yesterday, less than we hoped

morning half clear, half cloudy. Heavy sea on and a good breeze; under main topoails and fore topmast atay sail. Put on the main top gall ant sail about noon. Attempt to write in the morning on the Ounga estimates to, but finally give it up in disgust. We have made 220 miles since 12 o'clock yesterday which is a good days work. Only 1280 miles to San Francisco, and if this wond holds, we can easily make it in a week.

morning squally. Under main topsails, fore sail lower fore topsail and fore-topmast stay sail. Wind shifted to M NW. although we still manage to make an 2 by N course Morning try writing again. Nork on slop-chest accounts and get them mostly correct. After noon writing again, baft. Scammon better. Parometer very high 30.36 Wind dying away. Evening down in the ward room. With Wright and Smith. Up again and write Russian till half past eleven. Talk with the Captain about Harders sister and turn in. 220m.

Morning hight wind, Under all sail. Writing all the morning on slopehed accounts, Captain learness up and on deck, Men at work on the Whale boat fitting her up for a gig. Make 166 miles since yesterday noon which puts us about a thousand miles from San Francisco. Every thing looks favorable for a good new in. Polly and in San Francisco is evidently running away with the line at a great rate. Evening play checkers with Johns. Noton and write at Russian adjectives till twelve velock. Write to J. J. Scammon

Morning rainy foggy with a high sea but favorable wind. Bets are rife as to our getting into Pan Francisco by the 29th te. Write letters in the morning to E.W. Blatchford, Chicago Soward afternoon the wind becomes lighter and finally almost dies away; write in afternoon, and work over the slopehest accounts with Mr. Black, They will amount in all to about \$800.00. Talk over Ounga with the laptain and write up the Russian adjectives in the evening. Make 225 miles up to twelve oclock. Cross the line by which we sailed for Litka in July last.

Morning half cloudy with light winds but favorable. Black writing on ships papers. Work a little on slop-chest accounts. Write long letters to Prof. H. Bannister Mr. Thompson of Chicago, Dr. J. P. Rittland of Cleve land, Ohio, charled Peases, transfather, E. D. Leope J. Philadelphia, and begin one to alex. Agassis which shortens up my list of letters considerably. We are steadily approaching lan Francisco, and made some stone, hundred and twenty miles lines twelve o'clock yesterday. Evening Jinish Russian adjectives.

Morning winds still favorable though light with a prospect of a change Writing all day, Letters to like, Putnam and Scudder and finish letter to alex, agassis, Make one hundred and twenty five or there about, miles since 12 o'clockyes-lerday. Write all afternoon with Black as usual. Joward evening make all fast in expectation of agale, Wind hauls to J. E. and the clouds are very lowering, Evening write till midnight on the Russian pronounce and verbs, There is a multiplicity of terminations which is very pussling.

Morning head wind from the east, Bear south, every all on board are now any ionsly counting the miles and looking at the chart a jozen times a day, Friends, sweethearts, and I an than eisco are drawing nearer. I hope I shall find at least a few letters from home waiting for me. Hewritten about it enough. We have made 132 miles since yesterday noon, I award evening the wind apprings up again fair. Write to Verrill Nason and Weeley. Evening on Russian verbs.

Morning, wind fair and free making a good even course toward Frises. Working up my account gor over the slop-ehest with Black and Smith and square up accounts in the book. At moon make 157 miles easting since noon yesterday, 13 miles south and 255 miles west of the Flavallonelight. Keep steadily on. Finish up the slopehest account Evening write with Black. to Mrs Coburn, Mrs. Y. P. A. Healy and Mother and Sadie. This finishes up my letters, a weary long job it has been to write most of them I suppose there is 250 pages of writing in them.

morning overcast and calm. Late to breakfast, a fine English clipper ship perobobly prome China, is just ahead of us endeavoring to beat in to San Francisco mems. Write all the afternoon or notes for Prof. Baird; write about 30 pages. Write in the evening with the leaptain on them. Cell hands getting ready for Port. Hear a rat in the locker behindry head in the night and find the has defaced and mine a the old gull from doat. cha that I had so much Trouble ekinning.

Morning thick fog but clear sky, through which, the such tooms dimby The elipper is still to leeward. Get the scientific equipment out of the slopehest, and spack it in the doctors chest which I have emptied and spect together. Get up the other keg for the carpenter to put a bry bring in it for specimens. afternoon wind dies away entirely and leaves us rolling about in the fog. These tops and ealing last sometimes several days. Get a lath and a clean suit of clothes, and spend evening menoing.

Morning early fag remaining, no wind, falling off to one. Brush up old clothes to put away and new ones to put on. about ten, fog clears up, and about haif past ten pass the north farallones, and have a good favorable breeze spring up for which all hands are greatly thankful. about two, sight the heads, and have a race with an English displeer to get in your abreast and anchor off Miggs what about half past four. A heavy fog with sleet and driving rain prevents us from getting ashore. No news; but the Wright got in today, tradly damages in the gale of the seventeenth.

Get ashore about ten by Jones boat. Rush baldheaded and get my hair ent. Up to Nubbaros for my letters of find him out, moving, and not to be in today. Up to the telegraph office and thave a telegram on file for Baird as the wire is down. Meet Dr. Ayres there is letters at the Past office. Ites into Capt. Norges office and meet Wright with a pack of letters very welcome, so up to Step into Van Tassels of letters very welcome, so up to Ites into Van Tassels Store, eall and leave letters for Mrs Denism, call on Miss Klinks ström of Miss de Ro. 90 up to Iteams to sleep, Past letters as per mem.

Down town, get me a cheap flammel coat, new watch, glass to Hubbars out but sends letters by Dr. Fisher See Yabb, go to hunch with him, and find Hy de at his old tricks. Seek Col. Bulkley but don't find him. Yet diary and have it bound. Yet cords under way at Town & Bacons. Meet Col. at the Occidental you to find Mrs. Scammas, 40 round to Mrs Ayres, find the house, dine with Scammon & Capt Sands. & afterwards with ayres. I pend the evening there and up to Iteams to sleep. All went well with the Col.

SUNDAY, DECEMBER 3, 1865.

Early in the morning look over shells with Steams, to to Starr Kings church, Meet Mr. Lebbins and occupy Capt Voyes pew. with him & Miss Mayes.

Mr. Ames preaches a Christian sermon from a pagan text. After church introduce my self and jo to dine with him at C.C. Yowo, on the hill; the Yournary brother. I found them a very pleasant family 4 they kindly invited me to call often. Itay to hunch and bin ner; after dinner so to Capt. Noyes, spend the evening and back to Steams to sleep.

Monday 4
Moning, into new office corner of Montgomery and
Pine Streets, to lown to see Gross of the Evening
Bulletin and leave some mems of our Rei, work. Find
Col. B who has no orders, meet Capt Scammon and go
into Newston Hastings and Co., then to Steams office of
to hunch with him. To over to wharf, wait an
hour for boat, none comes return to office and dim with
Steams. Evening to meeting of the Cal acad. Sai. where
I give them some account of the peasand work. Meet-Prof.
Whilney, hear of Pumpellys work in China. Steams to alexy

# TUESDAY 5

Morning into office tel. Co. wait some time ino meet whympser, go up with him to his room. Lee lot. Bulkley and explain to him that I should like to be detached on shore. The biving hor as I am thrancisco, is nothing but a humbry timed aboard the Milton Babyer and go over to the yate after ward. Spend the rest of the ray in repacking the boxes of specimens to be sent to Washington. Evening write up mines

Morning, 4st a boat and the Ilaloot, and go to the P.M.S.S. Cos Wharf and leave five boxes with the storekeeper of the J.J. Co. for the S.J. Go down to Hubbards and leave a note, for him, get a letter from Capt. S. Her Steams, lunch with him, 40 around with Capt. S. If to 4 ate back and off again. Upto his house; down to the bocidental; meet Cours, fust from arisona; go up to Hubbards house and dire with him. To and call on Miss de Ro, go home with Mrs. Nochkin, Up to Steams', all abed, go down to Chappels Room and elepting under a newspaper only

catch a bad cold. Morning get some drawing paper go bown to the pier and wave my handkerchief for an hour but get no response; go bown I get the old boatman to put me aboard. Davison cross as a bear and the callkers pounding like forty thousand blacksmiths, 4et the remainder of the maps, office furniture to together and take them ashore to the office. Work till late in the afternoon in the office on the Captains flags and having nearly finished, ruin the whole thing. Begin another, and come off to the Mate where we have a good Thanksquing turkey. Write all wewing with Black.

FRIDAY 8

Morning late to breakfast. To ashore with Davison Black, Ishirth, and learling who by the way, has resigned his commission on account of having to live a board the vessel. To down to the office and draw a shut of flags for leapt I cammon to send East. I pend nearly all day at work on it. Have a disagreeable cold. See your of the boulttin and learn that my memoranda will be published in tomorrows Evening Bulletin. Let my address eards, See Steams and go home to dine with him spend the evening looking over shells and sleep there.

Morning, up late, and after breakfast, down town with I teams and into the office. Draw and finish sheet of flags for leaptain scammon go in to Steams office down town with Col. Bulkley who assures me of a berth on shore as soon as the vessel is moored at the wharf. Round to lunch with Steams and find that there is no chance to go over to Dr. Wewcombs as proposed on account of a lease to be looked over, to down to Raymondo and look over a lot of shells of Bridges! To up to office, meet capt Scammon, Jur Vis, is fixed, and then on board.

Morning wakened by the rate running over my head of the rattling of the houser attached to the ting Merrimae which is to take us to our moovings. Captain Scamman comes aboard stoys a few minutes and goes ashore again. about nine oclock we are made fast to the pier in Mission Bay near the Potrero, Youk to Star Kings church where Mr. Hebbins preaches a good sermon. Walk down town with Mre Voyes. Mrs. Kis quite sick. Yo over to Am. Ex meet Whymper te, go over to his room, meet Laboure go over with him to his room. Yo to Mr. he.le. Lowe to dine and in the evening call on Consut Klink of ström, aboard

To up town about ten o'clock, go down to the stice. Itep in and see Iteams. Malk over Bridges & labb. To to Basquis and get diary for 1866, newbound. To to Grays, get my insignia repaired and new bug made. Bancrofts and look over books. Up to the office, led, wishes me to live abourd the vessel. White up notes & mems. Afternoon, Pay my debts to Capt. Scamman, Iteams & 25.00 on my note to Paine To round looking for a Derringer, meet ames, who gres round with me some till we meet Mr. Iwaim. Back to Mich binish flags bor Capt, on board. Even. call on Liebtins—

Morning, leapt seammon, comes down to the vessel of orders me to finish Wolls designs for uniforms, and to occupy Walker's late eatin in the wardroom. To down to the office with the eaptain, and finish the designs. See Steams and go to dinner with him. Make as pointment with Bughee to meet him at seven. To down and see Tabb's plates of tertiary fossils, Bury an over coal and go up with Steams. Label Raymonds shells Meet Bughee, go over to Mrs. de Ro's, and play whist. To over to the lehinese theatre with him, back to vess taking some grub and meeting Black the captains by the way,

Morning, disagreeable and chilly. Let a note from the Captain ordering me to make another copy of those blasted flago, go down to the office and set to work. Work almost all the morning at them and part of the afternoon. To down to set Hubbard, about boxes the one sent by the blara bell, not having yet connected. Lunch with Whymper, and introduced him to Jabb. Totown to dinner, on board, evening, lall on lead, Janual lebelor, Mrs. Raymond being at dinner go to the Consuls, have some flowers for the lick ones; and return to the Occidental. Spens the surply there and go aboard.

Morning, prepare to occupy Walker's room. Take Jon Denisons furs to his mother, and all my Indian curiosities to Mr. Hubbard, as I know mother would regard them as nubbish and if she hasn't room for Indian shells, she hasn't for Eskimo curios, Look over Hubbards shells from Paumotu Islands, with R.E. C. S. and receive a number from him. Work on the sheet of flass & Raymonds shells in the P. M. and half finish the latter. Evening, youp with Black and call on leapl Seammon and afterwars on Miss Bullene & Bolander who offers one the use of his microscope.

Morning oversleep myself, and love breakfast. Sake bot. Bulkleys box of mosses down to the Occidental. and the bottle of anicksilver to the Office. Himish sheet of flags for Palmetto. To down to lunch with sleams & Bacan, get some books for Christmas. Hubbars out & no letter. arrange some of Raymond shells for him, and down to the vessel, late to dinner. Up town with Tlover, Rall at Steams' & go to the annual Exhibition of the Lincoln & chool. Very fair, but crowded & no pritty girls. Back to ship meeting Black by the way.

SATURDAY 16.

Morning down town, go to office, enquire about Elliott, snub behappel on slopchest afe. Down with the captain to Davis', change book at Bancrofte, oour to Hubbars
for letters, out & nonethere, into stearns' office, down
to Raymondo, finish up his shells, down to office
leave parcels, and off to Stearns'. Prof. Polabil comes
in and have and interesting talk, Drur to Dakland to
see br. New comb, who gives me several new species
Back, taking dinner with him and spend the even
ing at Stearns. Back to vissel late, and write to Bairo.

# SUNDAY 17

Morning, move some of my traps down to the ward room and go to church with flower, Mr. I work preaching. After church go up to Pleams' and work over the shells for a little while "to out to Mrs. Poridges' with him, talk with her to return to Steams to dive. Read him my letter to Baird which he approves of Evening, "go round to the South Park, they are all better at the Consuls. On board early, write up mems copy Bairos letter and write a short note to mother

Morning. Write out with care the accounts of the slopehest for Chappell, with Black. I pend most of the morning and part of the afternoon at it and get it finally finished. To up town, call at the laptains but find all out. To to the office leave ye with Chappell, get shells, bundles, I books go into Steams office. who is sorting a large quantity of Monterey shells and back to dinner. Evening to the adad. meeting, am elected resident member, and appointed on committee to draught resolutions in regard to the death of or B. Present by title a memorial article on him

Morning after breakfast, set to work and make a lot of paper tubes to stow shells away in. After which go up town with Mr. Black, stop it the Captains house. He will not probably come aboard to live learnin left by this steamer, Dr. Fish er and smith by the next probably, no to the office get book and go in to Steams office who is sorting over a lot of Montery shells. Back to dinner, and work at shells titl evening when I go up town to Mrs. Ladd. Back to visual I work in shells de Ro, and Mrs. Ladd. Back to visual I work in shells

Morning, In the morning act some paint and paint the chest in which the Scientific material is stowed. Illean myself up afterward beliver the mem. of the land forces. The to Capt. I cammon, go up to the office with him. To and call on Dr. Kellogg, with Lebon. Up to the Georgical Lurry rooms, much leooper, talk to lunch with him. See Iteams arrange for a talk over ac. matters with Bolander, Hubbard, and Kellogg tomorrow night Back to dinner and in the Bening go up to eleventh street, call on Mrs Pridges & get materials for memorial.

Morning walk up town with Everett Smith, 40 into Steams of fice and mount a number of specimens of Monterey shells on eards for identification and reference. 40 down to old Robison and get some rare shells. Lunch with Steams; Survey Rooms closed, up to his office. Tell bol. Bulkley about Bridges' plants. down to the Survey Rooms, with Dr. leooper identify the mounted shells and obtain a lot of Cala. shells from him. Back, to vessel, get lamp and call on the Captain by the way Evening at Steams office, with Prof. Whitny, Steams and Bolander discuss Academy affairs and election of officers FRIDAY 32

Morning, Get bones of Jur seal out of the barrel and pub into a bag for transportation. Capt. I. comes down and speak to him about hasks and padlocks for chest 40 out to Nrs. Bridges' and work over the chilian and Bolivian plants, finding most of them in good condition. Take hunch there and come down about three to hown, Get top for lamp and go aboard after dinner write and put things in order and gamp town with Black, leave card at Mise Coates, and call at the Conents where Olga is finally down again after her painful illness, as pretty as wer, Back to ship at ten.

SATURDAY 23

Morning. Look to packing of shells to for transportation about ten start up town and go out!
To Mrs. Bridges and look over the rest of the
plants. Itay to lunch and go down town
Nooking for button covers books to. Every
thing is gay and the preparations for lehnstmas
are very numerous. Is down to dinner on
board and work on shells till sever when
I brush up and goup to Steams' with a box of
un-named shells to identify. Remainall night then

Morning sleep late and spend all the morning and most of the day going over Steams' collection with him taking out many duplicates. He is a very generous fellow and a regular trumps. Day wel rainy and disagreeable. Ofter dinner, at shells again and about seven o'clock go over to leapt Moyes' and spend the evening. Captain, his daughter than Warn. were there. Mrs. Noyes has been quite ill for a long time. Back to the ship about elever and mite up notes, memoranda to. Incurrens Memble has made about Hepworths eming out here.

Christmas Day. 40 up town in the morning and get some button rings. I kend sometime searching for my shoulded-straps which have mysteriously disappeared and after woking through my things from top to bottom find no trace of them. Write a long letter home about Kamahatka. leaptain and Mrs. Jeannum come down in the afternoon, also leaptain Marston and miss Plummer. Evening yo up to Consul Klinkofetroins and spend the evening. They have a Christmas tree, and olgowand Jeannie give me a spretty scarppin. Mut Russie and Jeannie give me a spretty scarppin. Mut Russie and mrs. There we have a christmas tree.

Morning down with Field Stopping for Black at the Tailoro It Alta office. Plop at Hulbards, out as usual. Get a carl and go out to Mrs Bridges and get the plants which take to the ship and earpenter sets to work on the box. Take the keg to Hubbards, up to the office and round to Steams. To to funch and Henry Payots with him. To to Townet Bacons & Borque's offer paper. Up to Dayleys, (out) see Dr. Kellogg, H. Prerce, and up to the Ourvey hooms where I meet Croper who gives me some good shells. Evening round to Hubbards.

Morning. Get all boxes as far as possible boxed up, find keg leaky, and have a new bottom to put into it. I get in all five boxes theys, one of Bridges plants, two of tusks and bones, one keg of my own collections and one of Hubbards. After unch go down to Dr. ayres with ylover, then up to the Cos, office, then into Iteams, office down to Hubbards, pack up his fish for the steamer and down to dinner on board. Read papers and in the evening leave card at Lows t go to K, Cleams

# THURSDAY 28

Morning. Relose boxes be and with Two men take the dingy and row to the P. Mail. S. S. Cos Wharf, where after some delay I deliver to Mellew, the three boxes and one keg containing the remainder of our specimens. To down town step into the office, down to Hubbardo (out) Evans of alta fout) Survey rooms, get a glass for aquairum, See Steams, I wain, to Up to Capt Noyes'to get bundle, aboard with it to diiner and in evining call at Mrs de Ros, sgirls out walking up with Glover. Play cheer with fessie & Charlie & whiel.

FRIDAY 29.

Norning a beautiful day; the last few days have been delicious but unhealthy. I have the worst, cold I have had for a year. Itay quietly on board and write up memorial of Bridges and resolutions required for the next meeting of the academy. Afternoon, go bown town eate at the office, leave lot. Bulkley's book at the desk of the Occidental. Leave sketchbook with why nuper, down to survey office, see Your about Petropavlovsk work on shells, in evening down with Black to Capts.

morning, remain aboard till Captain Jeannmon comes down, 40 up with him to the office Report collections all shipped; to the Colonel. To found to tel office and send Cols telegram." Three boxes and two kegs, shipped by steamer today, Balance of collections." To to Jackson Strict What, Capt, Jeanman comes down and me see Higgins who says that their will be no difficulty in getting to Monterny, without much expense. Go over and see Dr. Newcomb, who gives me many shells, In

wenny, back and call at Bolanters going bown, SUNDAY 31 morning. after breakfast, dress, and go up to Han Kings church where Mr. Stebbins gives a fair sermon on the Character of Ecclesiastes. 40 up to Hearns' of tell dinner) church and look up Bulling &, in connection with the Lomatellow shell he has from Monterey, after dining with him, go down to the consuls where I take tea and pass a pleasant even ing. Miss della comes au, in the course of the evening. my shells are getting to fill up my state room tremen dousty, Ince our arrival here I have diskatched our collections to Washington, Harted in with Llearns. and the others, to wake up the Cala, acad, from ils its agric state; written a memorial of Dr. Thro, Bridges. Collected some 500 species shells. Made preparations to work up the Californian molusks at the Survey Rooms, obtain Bridges' collection of Chilian plants for the Smulhornian. The year is ended, I has been a successful, of either of both. I shall continue my present phi-

baith or nobodejo mantle. So exit 1865

MEMORANDA.

H. Langford, 6 Decatur St. Boston. P. A. Lapham, L. L. D. Milwankie, Wis. 9. P. Page, Care Co. A. Miles, Brattleboro', Ut. Muso anne Newman, 9 Ashburton Place. Boston. L. Wesson, 585. Harr. Av. or Hubbard and Steencken, At. al. Charles Carrel, 131. Pearl St. Bursley & King. I. Merriam. 45. Durcht St. Boston. Alpheus Hyatt, Jorham, Me, Care Boston Soc. Nat. His. Rev. E. Le. Bolles, Portland, Me. A. N. Cleveland, 248. S. 8th St. Philadelphia. #. S. Langford. Smiths plantation, Beautor. S. C. Col. g. W. Foster, S. E. Leor. 12th St. Chicago. Ills. A.N. Worthen, Springfield, Ills. Leo. C. Watker, 201, Michigan av. Walker, Bronson Ho. Mrs James Macdougal, 109. State Street. Chicago N.S. Greeley, St. Dearborn St., Care Rees & Hyres. J. P. A. Healy, 259. Wabash lw. Care Ogden Fleetwood to Dr. Mm Studsoort, Chicago Acad, of Seiences. Dr. Henry E. Bannister, Evanston Ills. Mrs. Mo. A. Remicott, The grove, Ills. Homes E. Gargent, Gent Arright agent Mich. Cent. K.K. Mm A. Nason, Chicago Acad. of Jei. Chicago, Ills, Dr. Edmund Andrews, Chicago, Ills. Win Lyon, Chicago, Illinois. L.L. Thayter, Care Godman & Shurtleff, Foston mass. M. & Merriam, 45 Dweght Street, Boston mass. Dr. This M. Bouver, Care Brewer & Fileston, Boston Mass H. Bolander, 60, Lecond Street, San. Francisco, Cal, Rev. Horatio Hebbins, 930 Relay Street .. Mr Lugevil, Vitka, Russian American Possessions M. Klink of strom Russian V. Consul San Francis co. leal.

On the 16th of Luly, 1864. I was engaged by Col, J. W. Foster. of Checago, to accompany him as his assistant, to Lake Superior, on behalf of the Iron Cliffs Co. with a pledge of one years employment. Pleft to accept this position a situation in the Land office of the Illinois Central R.R. where I held the confidence, I bet leve of woth my companions, and my employers. I took this eter at the advice of led. F. 4 Mr. E. H. Sheldon, a shareholder. 4 brother in law of the most heavily interested man, except mr. Filden viz Wm B. Ogden. They assured me of permanent employment, at a reasonable rate of compensation. I went by str. Planet to Marquette arriving July 20. and was with Col. F. in camp all summer, and I believe fulfilled my duties, as elert, paymaster, explorer, time keeper, and ges logical assistant; to his satisfaction. Messos Tilden, Ogden winlap &c Come to examine about Lept. 16. With out any request, mr, ogden, and Mr. Filden proposed to me to return (contrary to my previous plan) to Chicago, and work up the analyses of the ores. They also, spoke well of my work and assured me of permanent employment if I did my duly and stuck by the Company. Ireturned with lot. F. about Oct. 3rd & all preparations were made, except a few minor details, to go on with the assays, when he started for New York, Now 5th or Thereabouts, Welays occurred till nearly the first of Nece when I rec'd a letter from led. F. Daying that Mr. Filden had contracted with Dr. Draper of New York, to do the work which had been promised me: and that on being asked the reasons for this change replied "This Company is not an elemosynary Institution for the educateon of young men." Thence forth to Feb. 1st I was busily employed in assisting Col. 8. to draw up his elaborate Report, on the Summero work and the accompanying sections maps te. I was then informed by him that he should soon have no further work for me, and that he had not been informed that any had been provided for me else where, about six of the twelve months for which employment was pledged me had passed. I then wrote to Mr. Ogden laying these facts before him, and await his answer.

Feb 8. Lettle with the Company through Col. Foster to Feb. 6 at 65.00 a month, and pay him \$ 8.00 for board per week Feb 17. Write BB. to this effect. If I go I cannot save the enough to support myself while working collections Scientifically after my return. I can get no help from the mithsoman, of I remain in the service of The Telegraph Co, I cannot of course do any scientific work. If you will show me the way in which I can earn a bare support (all I ask) and still do valuable seeentifie work, for, say, five years, I will go. If nothing turns up here, of any value, I will go. But other wise I do not think I am called upon to do it. "I should not desire to go as a mere collector & taxidern est; or as a mere employe of the Felegraph lo at amon with out a chance to do some secentific work on returning Mar. 4. The lead men not coming to time, I decide to go with 1806. Mother agreeing. Mar. 8. Leave Micago for New York. Mar. 21. Leave New York for Jan Francisco mar. 31. anne at my town. april. 12 Leave San Juan del fur. for dan Francisco. April 25. anve in dan Francisco. Rept waiting with regations delays and many annoy ances for nearly two & a half months. Leave San Francisco on the twelfth of July, on bark Golden Yate am appointed acting surgeon. Sail 14th of July from brakes Bay for Jetka, leaving our consort the 400.5. Winght to steam to Vielonia with Col. Bulkley & Kennicott direct. arrive at Sitka after a prosperous voyage of find the Steamer There, august 9th & that day am ordered to duly as ship surgeon of the Tate. 19th, resign to br. Fisher and am ordered on duty as store keeper of the Clothing department. 22nd leave Litka in company with the wight-for the aleution estands. Sept. 1. Separate from the Steamer. Sept 12. arrive al It. Michaels. Norton dound. See Rennicott under way but not off and leave for Plover bay to meet the steamer, on Sept 17. arrive at Plover Bay Sept- 25. Iteamer sails 27. Leave Sept 29. arrive at Petropavlovsk, Ramchatka acts th. Steamer arrives Oct. 20. and leaves Oct. 31. We leave November 3rd, I having shifted my quarters to the gabin. Reach Jan Francisco, after a heavy gale on the 30 th the Wright arriving the same day, earlier. badly damaged in the same gale. I wo off our collections to Washington Lecure the Chilian plants of the late Dr. Bridges, for the Imithsonian, write a memorial for the Cala, academy of hum. Add largely to my own collections. make prepara tions to work at the survey Rooms. That in to help up The Cala. Academy, to a state of usefulness.

To ends the chapter for 1865, an eventful and successful year for me. With strength, opportunity and the help of god, I will be why ahead next year of my present position,

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And the second state of the second se

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MEMORANDA.

Telegraphed Baird

Kennicott & his party including Pease and Bannis ter were left at St. Michaels, nortomoround Sept. 17. all well. The seaand work is success ful though small. I take charge in his absence. Let their know at home of our safe arrival. Particulars by mail.

Dec. 6. Shipped today five boxes for the steamer of the ninth how many have already arrived?

Dec. 21. Per Col. Bulkley, South american plants. They will be shipped by the next sleamer.

Dec. 30 Per Leol. Bulkley. Three boxes and two kegs shipped by todays steamer Balance of collections.

Letters to Bairo. Nov. 11, full account of every thing up to arrival in dan Francisco, inclosing copy of Report. Hr. of 9th Dec. Dec. 16. News and inquiries as to destination of my shell collections (see extract,) Overland. Dec. 22. News and particulars of Bridges plants, by

MEMORANDA:
Storage no. of my books at S. g. Hashington D.C.
of the of the second of the se
Friends in Frisco.
"Mas Capt Amas Maries 4. 4 Place
Miss Brunding de Bullen mining flace.
Mrs. Capt. Amos Noyes. 4my Place. Miss Bowline e.g. Bullene. Mission It. Rev. Mr. Stebbins. 730 Celay St.
Dr. Um Newcomb. Oakland.
Dr. W. D. Aures House and fly
Mrs Ray mond, Occidental Hotel. "Mrs Klinkofstrom, South Park
Most Raymond Decidental Hatel
"Mrs Klinkofström, South Park.
"Same. Hubbard. Laurel Place.
Mrs. de Ro. South Park.
° Mrs dewis.
mh Homas Callery O. Calle
Coulge of water
one or first & Hamsonsis,
1 voo. amee, " " "
Mr. Homer. College of Reala. C. C. Low. Cor. first & Harrisonsts. Mr. ames. " "mrs. Denis on. 704 Howard St. o. Mr. Raconed. 929 Hm. and St.
O UVU TROOME 429 Mm. CONT

DATE.		RECEIVE	- I	PAII	
		RECEIVE	D.	1 All	
Jan. 1.		50	00	*	
Van.g.	New Boots.	,		7	00
	Rep. on old do,			. /	•
	Blank Book.			2	25
· 4 //		,			30
b1 (1)	bough Medecine.			/	00
13	Felegram,	-		2	20
u /4.	Cerackers.			**	10
11 19.	Cupper.				80
11 25.	Glycerine.				30
, 25	Recid of W & Nopon on of	12 0	10		
" 26	Rec'd of W. A. Nason, on Je. Vent-S. N. Scudder, Jor books.	120		10	50
20	Gen Givi Culture, gor 1000 Rs.			13	50
" 30		20	00		
" 31	Carfares. Totals	H		H	20
	) Totals	\$ 640	00	#28	35
			35		
	To carrej.	\$406	5		
		-	-		, v
	Scientific Je.	4			
May 20	o. Recd on Sei . Ye . R. Kennicott	\$4.0	0	-	
23	Paid for alcohol			1	00
27	Paid for alcohol,  " boat to Palmetto,				
					00
29	" legar voxes, 100g.				75
1	" alcohol,				00
Jun. 2	« lards,			2	50
	ateohol.				00
16	" R. Rennicott,			2	75-
	Paid up in full & se	ettled &	ear	priva	te of

D. TEBRUARY.			CASH ACCOUNT. MARCH.				
Date.	RECEIVED.	PAID.	DATE.		RECEIVED.	PAID.	
1 On hand,	45 65	<i>p</i> .	9.	Pay I. Washington,	133 51.	450.	
1 For mending glasses.	7000	65	• .//	Rec'd of Geo. C. Walker,	9.00	4 3 3.	
1 binding barpenter 4e.		200.	9	Pay Frank Wavis,		20	
4 F.W. Putnam . additional		100		Poly Lev. C. Walker,		30	
6. Gloves.		150		bar fare	•	05	
7. Cash.		20	*	RNF. Kennicott.		165	
8 Binding,		3 60	5	James Folmen for suit.		42 00	
8 Vettlement with the mon Cliffs 2	26 46	3	6	Hannel Shirts 3		6 75.	
8 Settlement with the from Cliffs " Paid Col F. for board 13 weeks		10400	6	" drawers 1,		2 00	
9 Hat.		400	6.	Paper collars, 20.		85.	
"Carfare.		25	0	Frunk.		14 00.	
13. Expressage.		160		Board to Wednesday, 8th.		600.	
14. Knife.		150		Two pair of woollen drawe	20	825	
16. Rec'd of Nason.	3 50		"	Mittens.		300	
20 Pent Scudder on ofe of books		3 50	(,	Rec'd of Leo. C. Walker for prospective in Washington, on collections	services		
"Car Jan,		10		in Washington, on collections	25.00		
22. Dinner.		35	8 25	Expressage on trunks,		85	
26. Supper,		35		Helping ear, and dinner,		t 165	
26. Contributions, B. B.		2 50.		Dinner,		75-	
				Room at Harrisburgh,		200	
Total	275 61	127 10.		Ulké and Kennicott.		15.08	
Less board to mar. 1.	42 10	10 00		First Unitarian church of Wash.		5.00	
		13710	1	Reco from Unele William	50 00		
Paid I. Washington,		500	16	Expenses in Washington.		12 00	
		142 10		Books.		27.50	
				Expenses to New York.		1211	
On hand	3351					36 20	
				On hand "		25 00	
					22751	22751	
· · · · · · · · · · · · · · · · · · ·							

APRIL.		CASH ACCOUNT. MAY	•	
DATE. RECEIVED. PAID.	DATE.		RECEIVED.	PAID.
1 From R. K. on Le Fel. Co. specie. 18 50	,	ID had a	816 00	
5 Phastic Character VI		On hand D. There to	16 00	
5 Dent in Grey town & transit 12 00		Rec'd from Rothrock	10 00	0 50
Inhand reduced to specie. 1250	2	Paid for washing (4 R.)	-	350
29 Cash skent for sundries, 30 Rebinding this diary.	3	" carting		250
30 Rebinding this diary.	3	" Rundry cash		200
	4.	Paid Rothrock		7 00
Potal, 31 00 15 00	. 4	Rec'd from Kennicott.	7 00	
Expended, 15 00	. 4	Paid for packing Nic. col.		450
On hand 16 00		Lent Henry Elliott		3 00
		Ppent fort Sodawater		25,
	a	Paid Major Pope		500
Return to a specie basis	10		-	1 50
i cecum de a sprece vases	FO.	Pempe.		60
	14.	Cash. for washing	9 2 1	00
	17.	From Pope & Elliott, t	8 00	
Charged to my de C.O.J.	u	For Juit.		50
	<b>e</b> ; t	Home,		2 00
	20	Oakland fave,		50
How doz photographs 21.50 6.00	÷ ***	For alcohol		1 00
Uniform, 69,00	16	books		30
Dentists bitt.	97	Paid Charley Pease		150
Mar. to Cash 30.00   greenbart ) gold. 18,50	72	Rec'd from R. Kennicott x	100	2 2-
additional taitors titt 1600	30			60
3 00	1	· COLOC CICARC		
		Pata la	\$ 42 00	36 35
		Totals,		30 30
237 50 Dec C/		Paid out.	36 35	
26 Reed from Chappel, 24426 Paid on CD aje (see 4e June) [ 2 75-		On Hand,	\$ 5 65	
24426 Paid on CD aje (see 4/e 2mme) 275				
28 / dog photographs (teap huly 5) the 50 not were				•
30 cap maments + straps, pomyself, 1950			4	
July 6 Deduct 100 photographs,		Spent	237,50	
	£	Less 3 mos.	90 00	
Dee p. 1. It add. mems. Bills Rec. Dec.		· · · · · · · · · · · · · · · · · · ·	\$14750	
		i .		

				CASH HOUSEN.			
DATE.		RECEIVED.	PAID.	DATE.		RECEIVED.	PAID.
1	on hand,	5,65		Puly 1.	On hand.	\$ 8 85	
/	Paid Cash for washing.		170	3.	Cash.	100	15.
2.	Lent Ok Kennicott		1 20	5.	Washing.	- 12	2 50
	Paid waiter			7	Paid Denison for mattrass,		150
	Paid for cards for drawing		25-0		Rec'd of Chappel on ye	10640	
	Fruit				" on bills paid	4 50	
41	Recd from Remicott	5 00	25		Paid for blankets, one pair brown		12.00
6	Paid Kennicott		50	£1	Van Tassells bill (of mil.)		21.00
14	" for washing		175	. "	. for towels,		1.50
/1	tipe.		15	/n	exectacles, reps.		4.25.
9	" dendry articles		25	8	socks (six pr. woolen.)		3.00
10	Rec'd of R. Kennicott.	2 50	20		" two boxes blacking.		
4,	Paid for mit		20	1,	Reed on Scientific de	20 00	
le	" boot reps.		40		Paid Pin boxes te		6 75-
13	" blacking brush & glass,		50		" . for " Hootash		2 75
14	" waiter		50	(1)	for test tubes, glass 4c.		3 50
1.6	" Leimans bill for taitoring to		6 50	,	. cigar boxes (5003 at 50)	1	2 50
16	Recd from Scott R. Chappel on % Paid R. Kennicott, (due \$2.75)	25 00			: sundry articles		50
_ //	Paid R. Kennicott, (due \$2,75)		7 75	14	. Dr. H. J. Paine, for dentistry,	cash.	50,00
Ct.	. B.B. Thayer,	,	50		by note		50 00
17	" for boots, trunk screws te,		75		Réd amount of bill receipted	50.00	
19	"Chas. Pease.		2 50	9	Paid for " pt brandy.		25
11	" cash		65	10.	For gloves		175
21	Fare to Oak land Hack.		150	12	Rec'd of leapt. Scarmon.	7 50	
29			75		Pay for medicines.		5 25
10	. for Ltuds		100	· <b>y</b>	« ecales.		125
23	" box		15	13	" Kennicott to expend for me a	1- Victoria	20,00
24	" for Cartage for Co de		1.75	4			
26	10 11		100		Rec'd	\$197 25	7
Į¢ .	Recd of Chappel,	2 50.			Expended,		190 40
27	Redd of Chas. Pease.	, 400				er fr nachmanisken skillingskrimsfrimgerverkrings i stranger i str	the time to be the time to the
	Totals	\$ 44 65	*34 95		On hand	300	

Letters written BILLS PAYABLE. APRIL.	Letters written.  BILLS PAYABLE. MAY.		
18 Mother Hadie Father E. W. Blatchford. 19 Mrs Kennicott 27 Mother. Grandma Dau. Mr Colleger. 31 S.S. Greeley.	Date.  2 J. J. Langford. Mrs. Mrs. A. Kennicott.  Col Mrs. W. Foster. Geo. C. Walker.  4 Dr. Thoy. M. Brewer.  14 Sadie. 18. Scudder, Mothenenel phot.) 19. Sadie  23 Sadie (inel ph.) Prof Baird, Putram, Scuddert Thayter  Chas. Carret.		
In all 9. Fince Jan 13. 88. Recd none Since Jan 13. 53.	"Chas. Carret.  In all 15. Since 9 an v3. 68. 103.		
Bash afe transferred, Gune,			
June, Amits brought forward  27 Reed of R. Kennicott  Paid for repairing boots,  28 Fare to Oaklant Elivable.  29 leash  30 Paid for learpenter on Microserpe  " Chess men checkers,  \$52 65 \$43 8 0	2 Ellen M. Wilde. Ino. G. Anthony, Mrs Kennicott 13 Father encl. from mother. 19, Miss Merriam, nace Jan 13. 58		
On hand _ # 3 80	Fince dan 13. 58		
Letters Paken in Charge from St. Michaels to Hrisco Dr. Bannister. Miss adams. Mrs. Denis on & daughter Mrs. Rennicott. Geo. C. Walker, Prof. S.F. Bairo. Mils Klinkofström. leonsul Klinkofström. Prof Kirtlan	Sept 16 Indian goods to the amount of 22.00 Rifle.  bullet mould, & cap cover (1.00)  Cash Re  20.20		
Mrs. Pease Glward Fisher. Samil adams. 13.— Delivered in Perfor at San Francisco.  5 V Sent-by Bark Behring, last Lane to San Francisco, Oct. 20, from Petropaulousk in advance of ourselves.	Ree'd.  Syst. 16. Rash  Indian good to the anit of  25.76  Sue me  818.94		

Letters written.

BILLS PAYABLE. JULY.

2 Ellen M. Wilde. 5. mother, 9. Sadje, aunt Marian 9 Mm A. Nason, 13. Mother. Miss Nlink of ström. In all seven. Written since Jan. 13. 121. Ree'd mone, Lince Jan 13. 66.

RECEIVABLE.

DATE.
11 M. Klinkofström, Mother & Sadie. 13. Mrs Kenne cott.
16 Prof. S. F. Baird. Pince Jan 13. 125. Rec'd in Aug. none, since Jan 13.66.

RECEIVABLE.

DATE.	NAME.	Dolls. Cts
3	mother +Sadie. 19. tather. 21. Miss Langfo Miss Wilde. 28.4 randma Dall. Oct-4. Prof. B	M. Zo
29	Miss Wilde. 28.4 randma Dall. Oct-4. Prof. B	and:
Oct- 8	Dr. Torrey, Temple Prime. 9. Geo. Co. Wal	Ker.
10	Mrs. J. A. Rennicott. and Javah. John John	M.
10	and Asa Gran II Prot Dance, Prot, Ino. Co	assin.
11	Dr Henry Bry and Miss Meman.	
12	miss keleveland. 14. Jedney Jay. Franchi	i Healey
14	Dr. Yould. 27. Madame Baishow. 30 moth	rev,
30	Mr. Frederic Dally , 3/. Kennaw.	
	Total 25	
	Reid none. Innce Jan 13, 66.	
	Written " " 150 -	

9. Sent in advance of the Bark Golden Gate to San Francisco, by the Bark Behring, leapt Lane, to the Care of Mr. Gamble. Tel. Spt. Oct. 20 th. \* Per Steamer Geo. P. Wright, for Victoria Oct-31.

Deft at Petropaulovsk with Pierce.

Lent by Whympser to Victoria.

· Posted in San Francisco Dec. 1. for str. of 9th

The second of th

Date of the same o

NOVEM'S DECEMBER

Nov. 11. Poof. Henry: Prof. Baird. 12. Prof. Forrey.
12 Leb. C. Walker. 13. Robt. Collyer. Stimpson.
14 Miss anne Newman. 22. J. J. Ccammon.
23 C. W. Blatchford. 24. M. Thompson. Prof. Kirland.
24 Ed. D. Cope. Alex agassis. 25 Henry Ulke."
25 Putnam. Scudder. 26. Perrill. Nason.
26 J. J. Greeley. 27. Mrs Coburn, Nrs J. P. A. Healy.
27 Mother & Jadie. 24th Prof. H. Bannister B. D.
Dec. 7. Mother. Miss Merriam. Fo. Mother (paper)
16 Prof. S. H. Baird. 18 Mother. 22, W. C. Celifford.
22 Prof. J. & Baird. N. W. Elliott. 25. Mother & Padie.

Redd 24. Since Dan 13, 90, Written, 32, " "182.

RECEIVABLE.

Posted in San Francisco. Dec. 1. for dr. 179th.

Posted in San Francisco. Dec. 6. "

Dec. 1. Father, June. 22. July 21. Mother, aug. 12, Sept. 12. 17. Oct. 12. 25
1. Sadie. July 27. aug. 31. Sept. 17. Oct. 12. 25
1. Newell. Luly 30. aunt Jarah. Oct. 25. Grand ma Healy aug. 27.
1. Miss Langford Sept. 5. Oct. 8. (70 R.K.) Himpson, Oct. 11. Mrs. K. Oct. 3.
1. Dec. C. Walker Oct. 2. 11.) (one you Bischoff.)
Dec 2. Mrs Kennicott Nov. 9. Capt Scannon Cety. Frather Seps.
12. Mother and Sadie, Nov 12 Ellen, M. Wilde, N. 13. (40. O. W.)

Hrazer River party to meet the

Hrukon party, composed of Frank Pope, J. T. Rothrock, Ralph Pope, 4. Frost Scoville, Birney, Maynard, Butter, Bannister Elliott, Matis, Field,

Bannister sent back as unfil; Field Frost maynavd back out, Elliott comes back. All finally discharged except Pope, Rothrock & Yates who winter at Satala Lake.

## Kamehatka Party

Mayor S. Abasa: Bus. a. Mahood, Yeo. Kennan Richard J. Poush, Mr Dodd, Ithe last added at Phropowlovsk.)

when you have and and applied their present it is not to

- The day of the second second second second

and the state of t

Major 1865.

R. Nemricott, Director, Chief of Explorations in R. Am.

W. H. Dall, It's Director, in Ks. absence, Jurgions.

J. J. Rothrock, Executive officer Maj. Popes parly.

H. M. Bannister, Storekeepers assistant, St. Michaels,

Ferdinand Bischoff, Vitka.

Charles Pease, Explorer, Youkon Dept.,

Nenry Elliott, May Popes Parly.

Col. Chas. P. Bulkley Eng. in Chief Parly.

Col. Chas. P. Bulkley Eng. in Chief of Maine of ex officio-

List of Company on Board Golden Gate for S.7.

Its. John Davison, Russell Glover, R. C. Watker. J. O. Norton, Jas. J. Black, W. H. Dall. Ges. M. Wright Dr. H.P. Fisher, W. B. Hyde, E. E. Smith, R. M. Field, Nicolai Fletcher, Lawrence Conlin, Capt Kadin. Ges. Dow. Ltarr Pollock, W. K. O'Donoghue. Left at anadys.

Robinson, McRae. Harder, Davis. arnold. Norton Morse, Smith. Norton, Morse, & Davis back Left-at-St. Michaels.

Left-at-St. Michaels, Ennis, Denison, Adams, Smith, Ketchum, Dyu, Pease, Lebarge, Green, Chappell, Cotter, Bannister, Bean, Bendeleben, Grönberg. It is very pleasant here at sea, with the vessel go. my smoothly before the wind, heading for Litha with yourds squared and which easy. Letting in the easy low eavin on the lounge, with the little stove puffing its generous air about, with the little round table, just in front, and grant, Therman, Lincoln, "Johnson, and the street ck, looking down at us, from Wack walnut frames, made by sailors, out of an old table leg; with the red. entains hiding the black ports behind up and The waste of waters outside paintly plasting about the stem post, the midder giving now + Then a plaintive creak, as of a secret longing after some placed harbor, The captain bends for ward and books up at the restless binnacle, and speaks up to the faith but quarter master outside in the chilly night are and says Housnany knot Quartermaster"?" "Time and a half, steady, In"; all right, keep her full, and we fall a Tilking a gain. Now it is of the whales and whating; the strange sights me sees a whating, the whales scientifically considered, and in fact-stripping all that is valuable from the subject, whether blutber or some. How it is of clear old Bustin and the good ship "Leonore" and of the China trade and the Ofrican trade, and James Desh m. and the aurta, the Candace, the author I her last hard voyage, the Marshall, +

her pleasant little master from med ford. of Med fort girls and ships; and of poor Jack and his vices + virtues, and of sea virds, Lewells among the feath ered tribes, of Mother Cavey and Davy Jones and Their chickens and lockers; of the floating early and pluropords and barnacles, pelagians, und wanderen. and of the Jamily and old form in the seaboard of the grante state, of the vil faller making mame and fame in the printing Hall and the boys all doing well, and now honorable and respected onen in Their several stations; of the Jamily romance; what Jamily has not its romance; with the tearful interest of life and reality in it, of courtahip and marriage of hell women and fickle flirly; of the girl's left behind me; of home, of seconce, of disinterested love work for Matural Nestwy, of generosely, danne, touth, in fine of youth. Four bells and I ved the captain good night and pleasant-dreams, and wrong quiding true on my cap; for it is pluntage t muster and duff day I make the hest of my way down into the word room our see party Are is anning the distroyer of duff and hash · Who or another night would be playing sum Wp; descussing of times in Washington of times in the matine exerctany, politic, witty

and small, with a weakness for Jenns, and gun-+ sugar, tather Jack Bursby with his hosehan weard, persong something that works very much untike a prayertrok; the gentlemanly adjutant discussing the latest army news, now alas! three weeks old and likely to be older; anstophanes discussing the cercuronees of the youk Church with an elevation of upper up that set off hisperble mustrebet unserial. The yours g man who has been a whating to didn't get the propose the other day, relating some of his exploits (with the long bow?); Cellyris the Quartermaster, pegging away at his writing. Ananias's "old woman", patigued with The laters of the muster of supporting his dynity, is striking for his bunk, our healthy little executive officer, is looking on for a moment snatched from his many labors; Petropou Howeky is reading "The peanut womans secret or the apple woman's morre, in yellow croses with a likeness of a tencent piece Miran. Last but not least the scientific cuss is " porting up he log, or sevateling his head over The mysteries of the ragged language of the sia, or building castles in the undiscoursed country where naturalists are kings, and a new species to be got for the grabbing. Luch is disperon The ocean wave and our home on the

Names of persons to be written to, on with details of Prof. Baird. Dr. Torrey, Geo. C. Walker. (written.) names of those to be written to, on the natural His & tory work. Ono. Cassin Dyers cousin) Dr Bryant 93. Stimpson. Dana N. Haven. H. Whe. alex. Agassis. Prof. Henry. Gray. detto personal. Prof. Kertland. Cope Ist. Thom. & Jean Putnam, Scudder, Verrill, Hyatt, Gill. Nason. General Style. Hist of the Thing. N. H. of Lower Tu-kon will be a success. (written) Jan. Francisco. Pierce. Utterly unsufficient out fit. against expressed urgings of R. Circumtonext years out fit. 18 ring to bear on 18. recommendations of my capacity to pick an out fit. Weohol. Prof. Bannister. K. displeased at H's. obstinacy and whims but is now OK. (written) Mrs. I. A. K. Cheerful account of things in gen eval. (written) Private. Dr. Yould. Mother Halther, wand ma Sall, Frand må Healey. Inn Newell, J. J. Freeley. Mis Healy. F. Langford. A. N. Cleveland. L. M. Merrian. Theobald, Wesson Chace, Ellen Wilde, Mrs. Cobrin. Miss anne Newman, Robt, Collyer. Aunt Parah. Wesson. J. Poine. (Written)

a true copy from the original Wit. W. N. Dall. Str. 9eo. S. Wright. Of Lea. Oct. 8th 1865. (St. Michaels, Sept. 8th 1865. Dear Sir.

You are assigned to duty, as chief of Explorations in R. Am. Your party to consist of W.H.Ennis. Thos. S. Denison Geo. R. Adams! 7. M. Smith. Frank E. Ketchum! Jos. J. Dyer. Chas. Pease. Michel Le-Barge Lewis F. Green, andrew Trönberg! Day Chappel, O. de Bendeleben Richard Cotter! (13) Of this party you are chief in command and will assign to each his respective rank and only. Major Pope and party or any part thereof will report to you for duty while in your division. At this place supplies will be left, in charge of Storekeeper Jas. M. Bean, from whom you will draw, giving him receipts for the same. The object of your explorations is to explore the Kwiehpak River, prove whether it is the Yukon, and determine how far we can use it for our purposes. The map accompanying this has the shortest line for our purposes. and it is distrable to keep as near this as the topography of the country will admit and to this end your explorations will be directed. You will treat with the Indian tribes for labor and supplies and pursue a course that will render them useful in a further prosecution of our work and you are authorized to employ such persons as you may deem expedi ent for purposes of exploration, construction, and repairs. I enclose with this, orders to maj. Pope; failure on his part will not interfere with vigorous action on yours. In case of his failure, a winter party should be pushed the Dease Ho. to Babine Lake if possible, and communications sent to any & all parts of The coast. Your Judgement and discretion must guide as facts unfold and the unknown region you visit becomes familiar. as already in our experience the druds that were soltmeatining in the distance dissolved into thin mist on near approach, so I feel evitain you will encounter no serious oblitacle and that success will attend your patient persevering effort. Respy. C.S.B. Maix. Robt. Kennicott Chfex. R. Am Mr. Fredk, Whymper, artist, W. U. T. Ex. 3 Lots, comprising 3 spect 10 individ. Richard Cotter. W.U.J. Ex, 2 " 25". Yeo, Dow, " 4 " 18 " Capt. Fish, Brig Victoria. S. J. 1 .. " 1 .. 1 .. Mr. Tripp, Mate " 1" Cehas. Fronefield, Petropavlovsk, 2 .. " 2 .. 2 .. Pno, Hepburn, Esq., San Francisco I. I. le. Tove, " " 1" " 50, 110" H. Bolander " 25., 50. Total rec'd outside of Sei. Corps. 60 " 334. 1406 " Collected before leaving Jan Francisco 5305 individuals of 349 species, or after do, 5160 individuals of 451 species. The opportunities for collecting at Filka were 6 days, at Ounga 12 at St., Michaels 1, at Plover Bay 2 /2 and Fetropavlovsk 8; in all 19 days; making andverage of 272 specient of 2/ species collected per day. Beside these there were collected by Mr. Nennicott at Victoria a very large mumber of specimens, which he forwarded without preserving a record; and a large number of specimens undoubtably collected by Firdinand Bischoff, at Sitka after any departure. The same may be høped of nannister at It. Michaels. Also it may reason abby be supposed, that the gentlemen at Victoria and elsewhere, who proffessed them selves willing to add to our collections; have succeeded in obtaining exermens, sooner or later to be reed from them.

The Telegraph work, and the scientific work notwithstanding the laterus of the season at starting, have been crowned with evident enecess; and it cannot be doubted that the sagacious mind which combined and fastered these enterprises, will carry them

chief of Marions and speedy consummation.

Premain very respectfully

WM H. Wall

acting Arrector, Sei. Corps

Chief of Marion

Chief of Mario

Engineer in Chief W.U.Y.

## $\overline{111}$ Special Notes.

No.I. lunga Island. \_\_\_ This spot possesses a peculiar interest in an economical point of view, on account of the veds of lignite of good quality which are exposed there.

These beds are in layers of from one to deven inches in thickness, separated by thin layers of fossillferous shale They are capped with shales and eandstones which where exposed are of a loose and crumbling character. They have a elight dip to the N.W.

From the fossils found here, the rocks were referred by Mr Bannister and myself to the Relaceous formation and are in all probability, later than Jurasore.

These heds could readily be worked at a moderate expense, and if the fuel be of a satisfactory quality as I should judge much of it is, it might effect a considerable saving to the Company. The executations would for some distance at least require to be roofed or account of the crumbling character of the superincombebent rock, and if the extracted fuel would

have to remain long on the ground, it would be necessary to afford it some rough protection from the weather. The dip is on the wrong slope for natural drainage, but it would probably be some years before that would be of importance enough to require attention and it could then be easily remedied.

Estimates can readily be furnished to show the force and expense required to work these beds to advantage. The scientific intirests of this beautiful spot are very great, not only on account of its geographical position but because it affords a good collecting ground in every branch

No. 2. Alcohol. It is respectfully recommended, that in case of puchasing alcohol for scientific or other uses it be procured in time, (at the same cost.) as the bas by evaporation of this valuable arcticle, when kept in the wood, as this season; is very great.

No.III. The snow shows in use among the Ram chadales are of the Norwegian pattern, and the following dimensions. Length 5 feel four inches, width six in ches, curve 11 inches, deflection three inches. Made of tough wood in possible to split, shave of thin one covered with dried seal skin with the hair on, fastened with flour paste and a few tacks at tout heel. The stedge or Marka Tolat width 21 inches, number 3 in wide, a feel long 16 in high Jeat 8 in high, boop 32 in, in the arch, Made of hard wood enterely without nails and lashed with raw hide,

Extract from letter of Dec. 16. to Prof Baird.

I see in a letter from Itumps on to R. K: which was here when we arrived; and which I opened according to K's directions; an observation to the effect that "he was soon going to washington and should endeavor to procure the academys share of the collections" already made by us on the Expedition.

Now it seems self-wident to me that the cotlections of every kind, particularly the alcoholic ones, should be left positively untouched and undisturbed till our work is completed. If this is not done the unity and value of the observations and collections and notes, will be greatly and irreparably, impaired, and any publications made on these disturbed materials must necessarily be incomplete and uns at

another matter chimes in with this, which I shall mention for the first and only time. I ince my arrival here, it has been said to me by several persons knowing the management of the Institution "Your collections of Mollusks will be sent of course to Carpenter,"

now my iteas with regard to this disposition of this part of the collections are as follows. It was a tacit understanding between the

Kinnicott & myself, and has been so expressed by him to many persons, that I should have; in completing the work as far as may be; the right to work up that part of the collections, including the description and determination of species which might be undescribed, and the right to a set of the specimens bafter the Smithsonian and lehicago cabinets had been supplied. There was of course, no written or other agreement, other than this understanding.

Now I am willing to work early and late for the advancement of Natival History, and to give up, the undernable right, which this bodily labor entails, with regard to the shells; in favor Carpenter or any other competent-naturalist provided it is clearly shown to me that it is for the benefit of science in any reasonable way.

But with regard to it, beyond the facts in my note and the examination of the execumens. collected in person by me, both of which you will shortly possess, there is not likely to be any information which might be embodied in a rehash of any ones workingup of my results: In fact the oridit; which I feel to be justly my due, on account of hardships and exposure incurred in the field; can only be neceived by me person, \_ the first describes of the collections. I do not think that

in saying that in saying this much I have

ven selfish or egotistical.

devote five or ten years of hard work, to the mollinear of the west coast, north of Puget Lound: the produce work, not like the loose descriptions of Mr. Carpenter. If shells which he has never seen alive ar collected in person: but work like Stimpsons on the East Coast Mollisks, going into every detail of every species, Throughly and well.

Ar not suppose that I under value M. Carpenters work, his mistakes are the inevitable consequence of describing from specimens only. Every west Coast Conchologist will sustain me in this opinion, His work when con pleted will be of immense value, as the mistakes are those which may be corrected by any field observer, and all the rest is what is in accessible to most of them inded to all on this coast.

I do wish to make half way work, but would devote my time and strength in making the proper investigations for a thorough review of the mollusca of the Pacific north of Puget

But if you consider it as incompatible with the interests of Natural History, I repeat

I will readily give up my right and title to the results, and endeavor to work as earnestly for Carpenter, or any other, as if I was to receive the reward of my exertions. It may be that this is all unnecessary and that your views are in correspondence with nine, In any case Dwill abide by your decision, and only desire the thing to be definitely settled as soon as possible. a house of problems to descriptions which dely in the father all in law will be and will be tions must be a till a report of the an will reference will be a state of many or hard and the same the first and the property of the second sound in the second in the last the face of the color the reservoir of the same and the same of more algorithm and drawn among the street of the the property in the stage of the stage of of the second of the standard with the - per a la company de la compa that if you was the manufacture in the built

The state of the s the market with the to be write as a consider addy dustralia to the state of the same and their many and we are the constitution of with mine I want care Brill while he is - CHARLES CONT. AND THE PERSON NAMED IN

Calls made in Frisco. Winter. Miss Klinkofström, Dec 1. 10, 13. 17, 22, 25. 31. Miss De Ro. Dec.1. 12, 19.28. Miss Bullene. Dec. 14. Mrs. Stebbins, Dec. 11. Mrs. Noyes. Dec. 3. 24. Mrs Raymond, Dec 13. Mrs. Taylor, Mrs. Denison. Decs. 14. Mrs. Lewis. R.E.C. Stearns. Dec. I every day. Dr. Ayres. Dec. 2, 27. Dr. Newcomb. Dec. 16, 30. Samil Hubbard. Dec. G. 26. 6. le. Low. Dec. 3. 10, 27. Mr. Bacon. Mr. Ames, Dec 3.10, 27. Capt. Scammon. Dec. 2. 14, 29. Mr. Bolander. Dec. 14. 30

Mrs. Bridges. Dec. 17, 20.

Coulde made up d'auce. Mill De Mill Stand of the College west Admitteness december ATTENDED WITH THE with their mounds when the ATOMIN LANGE some your a rest want of the S. J. were a state of the state of th James South Count C. K. Kere Lees of C. - Mr. Managara The way to the state of the sta 

## We're Bound to 40. (Inne of Homeward Bound) R. J. Bush.

We've bound to go - bound to go!
Though the waves + billows roav
Were bound to go - bound to go!
We heed not the cold nor the arctic icy wall,
We dread not the bear, nor the "Rory boreal",
Then bundle on Jurs boys + let your whiskers goow,
We've bound to go - bound to go!

Our band is young + brave with a hero at its head, to To girdle round the world with electric win thread, to Tho' we lack the wings of Puck + others of his race Who would jirdle round the world in a 40 minute space But with stubborn steady work we acomplish it we know! Is were bound to yo - bound to go!

There are many lofty mountains, I eraggy seaks to pass, Ve with wild & raging torrents as well as deep morass. Ve But when old rigio writer within his icy grash that forest lake & river, as people - clasp. Then perhaps well think of home, but whether so armo, were bound to go, boys-bound to go!

High amid the very peaks our merry songs shall ring, to

Strongt dangers & hardships will force our weary way, We stretch a chain from land to land across Ad Behr ings Bay,
Then clear the way ye polar Bears, ye monarches of the enow

Hor we are bound to yo, boys - bound to go.

Fare well to feather beds, as well as cake & pie, &c

Fare well to every thing that well miss by & by, &c

Walrus meat is very good, I've often heard it said

When stewed upon a piece of ice & spread upon your brad,

But when our wire is firmly laid, our story you will

know

Till then we've bound to yo - bound to go -

I have to be the first of

della transmissione della della presidenti della presidenti

and the same of the first transfer

of and the same process in the same of the

